



UMASS
AMHERST

SPONSORED ACTIVITIES
ANNUAL REPORT
FISCAL YEAR 2006



**Vice Provost for Research
Office of Grant and Contract
Administration**

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DIRECTOR'S COMMENTS

The Amherst campus continues to maintain a high level of sponsored project activity with an increase in proposals submitted of 12% and an increase in awards accepted of 15% over FY '05. These percentages represent an unprecedented volume of activity. In addition to processing a higher volume of proposals and awards, there have been many changes to the way we do business. Many of these have been dictated by the E-Government Act of 2002 (Public Law 107-347) that promotes electronic Government services. The Federal government has instituted Grants.gov in response to this law and consequently many agencies are transitioning to a somewhat standardized electronic proposal submission system and to provide applicants with a one-stop-shopping site for Federal funding opportunity identification as well. This has presented the staff at OGCA, as well as the faculty and their departmental support staff, with many challenges and ample learning opportunities. OGCA is working to create and enhance a Grants.gov web presence on our homepage and conduct initial instructional sessions for faculty and staff on the use of Grants.gov.

Dove-tailed into this effort is the promotion of the Grants Application Management System or GAMS. UMass participated in the best business practices collection during development of the software and has been implementing it on a limited basis for the past year. OGCA has conducted several demonstrations with groups and one-on-one instructional sessions. If you are interested in exploring the benefits of GAMS, especially with regard to budget generation, please contact Leanne Every or Kimberley Broderick at the general OGCA phone number or email address located on the Staff Directory page of this report.

UMass continues to be successful in its pursuit for large multi-disciplinary grants. This has resulted in a large increase in the issuance of subcontracts, development and management of membership agreements as well as special project management assistance. The team approach to the management of these projects has been a rewarding experience.

PROPOSALS

Proposal volume increased 12% in FY '06 despite a decrease in amount requested across most sponsor categories. Manifesting the recent campus emphasis on interdisciplinary efforts, there were 122 cooperative proposals in FY 2006 which is an increase of 13% over FY 2005.

AWARDS

As a result of increasing award dollars, the three year rolling average of awards in FY '06 rose 4% over FY '05. Reflecting the increase in interdisciplinary proposals, 52 multidisciplinary awards were received in FY '06, with Co-Investigators from 64 different departments. Twelve of these awards (23%) had Co-Investigators from more than one department. Eight percent of the total award dollars were generated from multidisciplinary projects.

FUNDING SOURCES AND TRENDS

Federal funding remained strong with an increase of 11% over last fiscal year. Likewise Private Non-Profit funding increased 28% to comprise 12% of the total dollars awarded. State and Industry funding did not keep pace with levels seen in previous years. State and Local Government proposals and funding appear to be on a 2 year cycle of large peaks and valleys. FY06 was a "valley" year. Though this cycle is somewhat of a mystery, it may be due in part to typical funding mechanisms of some awards.

The campus continues to promote cooperation with other institutions by successfully establishing subaward relationships with a variety of collaborating sponsors. Many subaward relationships are pass-through awards originating from in the Federal government. The greatest number and dollar value of pass-through funding to UMass in FY 2006 was through other Colleges and Universities, followed by Industry. Forty-seven percent of all pass through awards were made through Colleges and Universities, and of that, 93% was documented as coming from federal sources originally. The Non-Profit Private category of funding rose 28% over FY 2005 and 57% of that increase was pass through funding, 92% of which was federal in origin. Industry funding fell a little in FY '06 but still represented 44% of all Private Funding sources and 35% of all pass through funding. Ninety-five percent of all Industry pass through funding was of Federal origin.

In summary, the UMass Amherst campus is pursuing and achieving greater interdisciplinary activity and building strong cooperation both within the University as well as with other institutions. We anticipate continued success in the receipt of funding as a result of ongoing proposal submission productivity. We look forward to sharing the evolution of electronic grant and contract administration as well as the pursuit of collaborative research with our campus colleagues as we tackle these sweeping changes together.

Carol Sprague
Office of Grant and Contract Administration

FIGURE 1
Proposal Dollars Three-Year Averages • FY 1997-2006

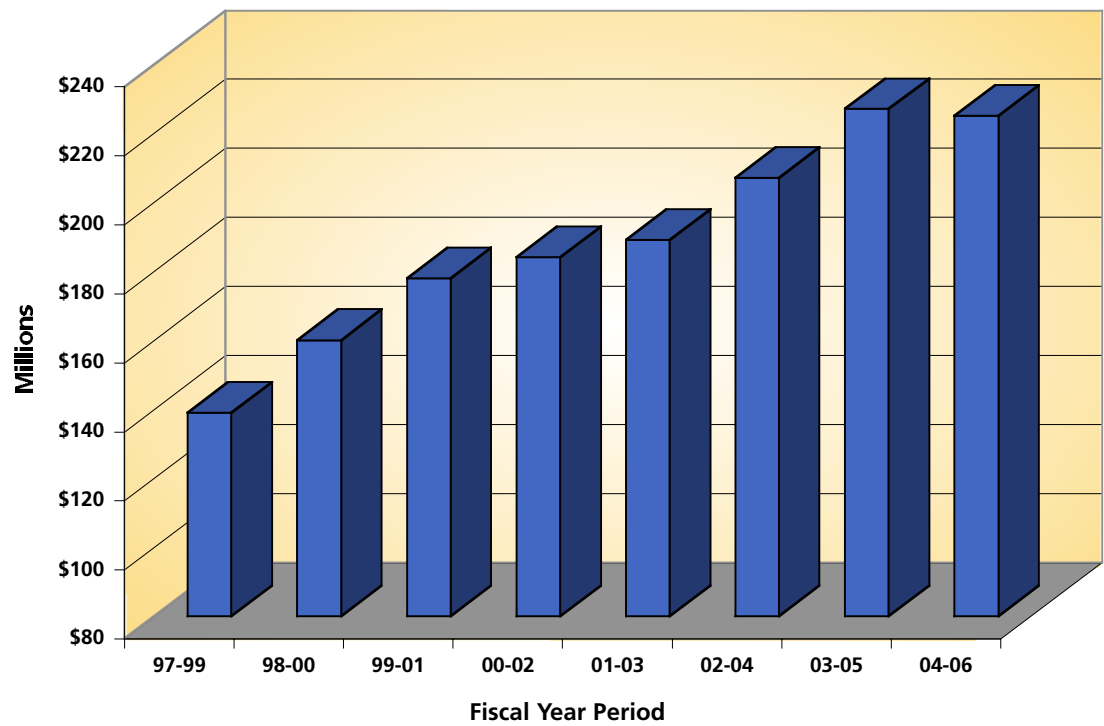
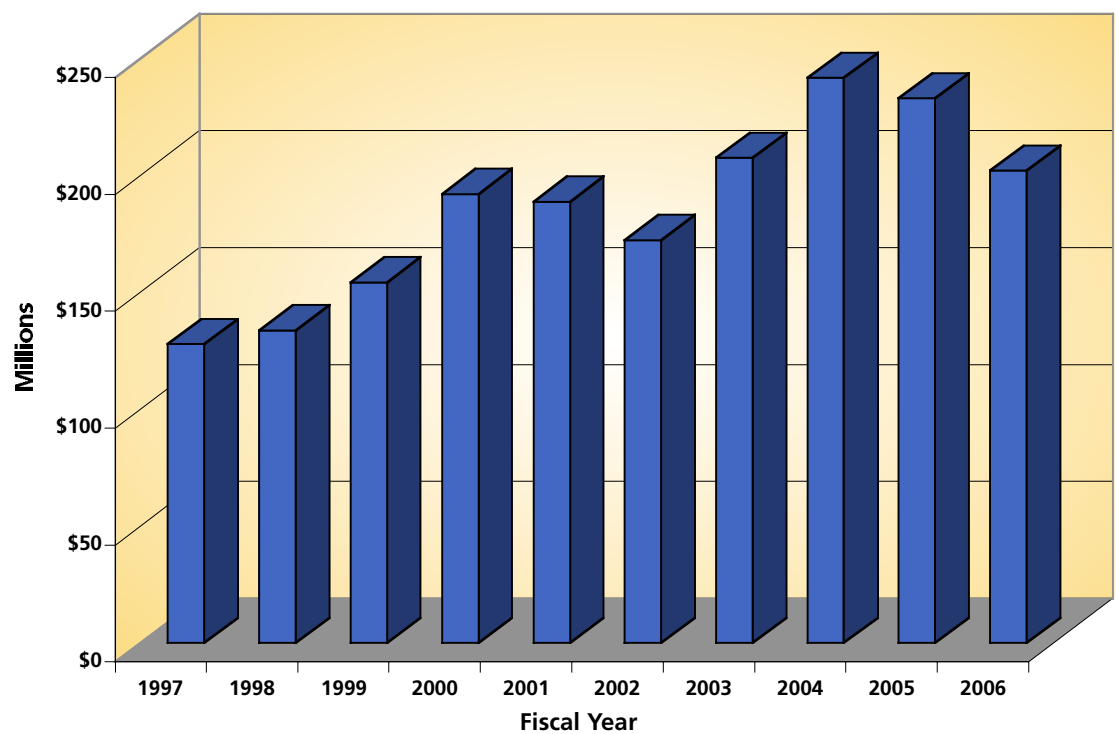
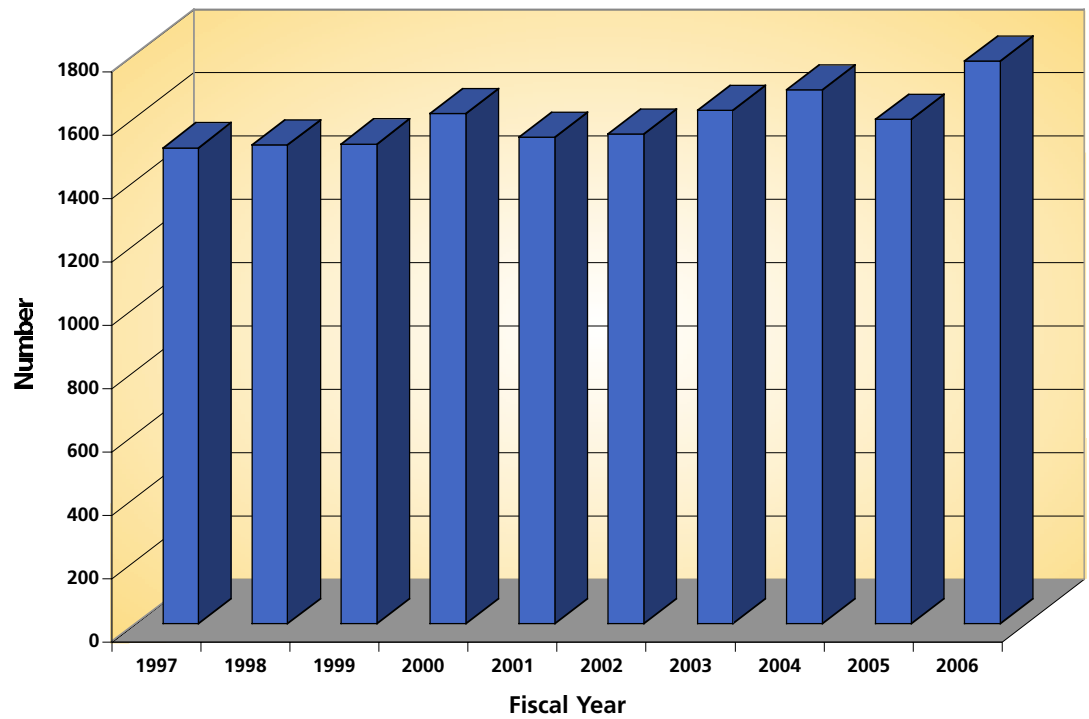


FIGURE 2
Proposal Dollars in Millions • FY 1997-2006



PROPOSALS

FIGURE 3
Number of Proposals • FY 1997-2006



MBU	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006	
	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars
Academic Administration	5	\$1,492,513	9	\$1,533,458	13	\$3,296,705	11	\$3,735,775	10	\$1,512,163
Academic Support	22	\$638,368	25	\$731,789	26	\$487,384	21	\$607,463	43	\$837,638
Academic Support Services	1	\$269,979	1	\$398,396	2	\$550,758	0	\$0	0	\$0
Athletics	1	\$20,000	0	\$0	0	\$0	0	\$0	0	\$0
Chancellor	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
College of Engineering	273	\$31,631,643	324	\$38,652,415	307	\$39,370,056	291	\$56,166,015	331	\$36,655,808
College of Humanities & Fine Arts	16	\$1,868,443	19	\$1,881,093	25	\$1,735,980	22	\$1,562,237	22	\$1,873,987
College Nat. Resources & The Environment	311	\$22,439,588	322	\$22,465,978	371	\$37,564,537	330	\$34,142,254	378	\$39,061,856
College of Natural Sciences and Math	528	\$75,570,468	560	\$93,303,224	582	\$101,987,303	557	\$85,987,630	545	\$72,825,972
College of Social & Behavioral Sciences	109	\$11,343,369	97	\$14,932,893	135	\$10,607,776	111	\$11,350,287	152	\$12,945,240
Dean of Students	7	\$713,244	3	\$129,468	6	\$580,737	5	\$165,559	10	\$1,295,428
Economic Development	0	\$0	1	\$65,898	0	\$0	0	\$0	0	\$0
Facilities Planning	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Health Services	1	\$379,916	0	\$0	1	\$30,000	6	\$1,022,306	2	\$521,507
Housing Services	1	\$85,266	0	\$0	1	\$85,266	2	\$170,532	0	\$0
Human Resources	6	\$284,812	5	\$103,169	9	\$339,453	6	\$415,106	9	\$286,955
Office of Information Technologies	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Physical Plant	4	\$44,476	6	\$157,360	0	\$0	2	\$99,835	1	\$64,899
Public Safety	0	\$0	1	\$47,840	0	\$0	1	\$75,000	0	\$0
Research Services	0	\$0	0	\$0	0	\$0	0	\$0	1	\$72,315
School of Education	38	\$11,645,165	38	\$9,340,230	52	\$15,156,476	46	\$10,061,109	46	\$8,099,166
School of Management	13	\$1,867,000	12	\$4,097,800	17	\$5,306,272	17	\$5,613,239	16	\$3,787,492
School of Nursing	16	\$1,205,175	12	\$1,354,014	18	\$3,213,393	19	\$3,879,724	28	\$2,684,568
School of Public Health & Health Sciences	86	\$6,836,802	98	\$14,400,601	80	\$15,786,215	88	\$12,860,626	97	\$12,643,882
Student Affairs	0	\$0	0	\$0	1	\$12,855	0	\$0	3	\$81,802
University Library	0	\$0	0	\$0	0	\$0	0	\$0	1	\$99,950
University Outreach	9	\$581,797	7	\$594,789	6	\$1,063,562	25	\$1,815,360	20	\$1,811,435
VPRVice Provost for Research	97	\$3,254,512	79	\$3,259,533	32	\$4,429,960	30	\$3,191,419	59	\$4,806,392
TOTAL	1,544	\$172,172,536	1,619	\$207,449,948	1,684	\$241,604,688	1,590	\$232,921,476	1,774	\$201,968,455

PROPOSALS

TABLE 2
Proposals Submitted by Organizational Unit
FY 2006

Organizational Unit	Proposals	Direct	Indirect	Total
Academic Administration				
Provost's Office	10	1,354,539	157,624	1,512,163
MBU Total	10	\$1,354,539	\$157,624	\$1,512,163
Academic Support				
AIMS	4	16,500	0	16,500
Fine Arts Center	39	793,916	27,222	821,138
MBU Total	43	\$810,416	\$27,222	\$837,638
College of Engineering				
Dean-School of Engineering	4	237,036	55,164	292,200
Chemical Engineering	64	5,986,356	1,848,358	7,834,714
Civil & Environmental Engineering	30	1,819,844	537,029	2,356,873
Electrical and Computer Engineering	125	12,475,179	3,446,460	15,921,639
Mechanical and Industrial Engineering	81	6,166,060	1,415,040	7,581,100
UMASS Transportation Center	27	2,160,598	508,684	2,669,282
MBU Total	331	\$28,845,073	\$7,810,735	\$36,655,808
College of Humanities & Fine Arts				
Afro-American Studies	1	157,997	0	157,997
Asian Languages & Literature	3	620,153	121,451	741,604
Classics	1	18,125	3,625	21,750
English	10	172,200	11,300	183,500
Judaic and Near Eastern Studies	3	115,421	0	115,421
Linguistics	4	432,639	221,076	653,715
MBU Total	22	\$1,516,535	\$357,452	\$1,873,987
College of Nat. Resources & The Environ.				
Cranberry Experiment Station	32	257,911	1,217	259,128
Food Science	29	2,322,164	391,170	2,713,334
Landscape Architecture & Regional Planning	4	247,384	30,811	278,195
Microbiology	35	10,396,426	3,234,000	13,630,426
Natural Resources Conservation	76	3,238,648	647,376	3,886,024
Organismic & Evol Biology- OEB	5	1,032,811	313,905	1,346,716
Plant, Soil and Insect Sciences	116	4,896,667	992,798	5,889,465
Resource Economics	10	843,100	263,030	1,106,130
Sport Studies	2	161,396	6,819	168,215
Stockbridge	1	4,545	455	5,000
Veterinary and Animal Sciences	68	7,259,628	2,519,595	9,779,223
MBU Total	378	\$30,660,680	\$8,401,176	\$39,061,856
College of Natural Sciences & Mathematics				
Astronomy	51	3,730,791	1,017,013	4,747,804
Biochemistry and Molecular Biology	36	4,982,895	1,620,348	6,603,243
Biology	48	5,495,541	1,886,329	7,381,870
Chemistry	66	7,221,389	2,601,519	9,822,908
Computer Science	137	15,303,326	5,568,453	20,871,779
Geosciences	55	3,937,952	1,074,216	5,012,168
Mathematics and Statistics	26	939,844	394,041	1,333,885
Physics	27	2,949,188	1,071,280	4,020,468
Polymer Science and Engineering	91	8,526,990	2,935,433	11,462,423
Scientific Reasoning Research Institute	8	1,119,714	449,710	1,569,424
MBU Total	545	\$54,207,630	\$18,618,342	\$72,825,972

PROPOSALS

TABLE 2
Proposals Submitted by Organizational Unit
FY 2006

Organizational Unit	Proposals	Direct	Indirect	Total
College of Social & Behavioral Sciences				
Anthropology	21	591,041	156,178	747,219
Anthropology - Archaeological Services	39	878,145	149,411	1,027,556
Communication	7	199,063	46,628	245,691
Economics	5	753,716	30,188	783,904
Legal Studies	1	12,500	2,500	15,000
Political Science	6	562,688	201,646	764,334
Psychology	55	5,265,457	2,065,555	7,331,012
Public Policy	2	55,852	0	55,852
Sociology	16	1,547,537	427,135	1,974,672
MBU Total	152	\$9,865,999	\$3,079,241	\$12,945,240
Dean of Students				
Dean of Students	2	458,684	36,695	495,379
Everywoman's Center	8	800,049	0	800,049
MBU Total	10	\$1,258,733	\$36,695	\$1,295,428
Health Services				
Administration and General-UHS	2	474,807	46,700	521,507
MBU Total	2	\$474,807	\$46,700	\$521,507
Human Resources				
Human Resources	9	267,258	19,697	286,955
MBU Total	9	\$267,258	\$19,697	\$286,955
Physical Plant				
Physical Plant General	1	64,899	0	64,899
MBU Total	1	\$64,899	\$0	\$64,899
Research Services				
Animal Care	1	57,852	14,463	72,315
MBU Total	1	\$57,852	\$14,463	\$72,315
School of Education				
Educational Policy Research & Admin.	23	4,419,964	850,660	5,270,624
Student Dev. & Pupil Personnel Services	12	791,381	64,796	856,177
Teacher Ed & Curriculum Studies	11	1,758,581	213,784	1,972,365
MBU Total	46	\$6,969,926	\$1,129,240	\$8,099,166
School of Management				
Accounting and Information Systems	2	123,000	0	123,000
Finance & Operations Management	6	206,179	70,173	276,352
MA Small Business Dev Ctr	7	3,289,745	75,367	3,365,112
Marketing	1	21,322	1,706	23,028
MBU Total	16	\$3,640,246	\$147,246	\$3,787,492
School of Nursing				
School of Nursing	28	2,333,653	350,915	2,684,568
MBU Total	28	\$2,333,653	\$350,915	\$2,684,568

PROPOSALS

TABLE 2
Proposals Submitted by Organizational Unit
FY 2006

Organizational Unit	Proposals	Direct	Indirect	Total
School of Public Health & Health Sciences				
Communications Disorders	6	688,975	234,025	923,000
Exercise Science	36	3,026,560	1,125,842	4,152,402
Nutrition	6	2,173,573	215,346	2,388,919
Public Health	49	3,743,746	1,435,815	5,179,561
MBU Total	97	\$9,632,854	\$3,011,028	\$12,643,882
Student Affairs				
Student Activities Center	3	81,802	0	81,802
MBU Total	3	\$81,802	\$0	\$81,802
University Library				
University Library - Public Services Div.	1	80,570	19,380	99,950
MBU Total	1	\$80,570	\$19,380	\$99,950
University Outreach				
C.E.-School of Education-A	1	11,177	2,235	13,412
Stem Institute	2	787,825	68,401	856,226
UMASS Extension	16	580,195	43,326	623,521
WFCR	1	318,276	0	318,276
MBU Total	20	\$1,697,473	\$113,962	\$1,811,435
Vice Provost for Research				
VPR/Vice Provost for Research				
EEI	1	57,329	5,671	63,000
Office of The Vice Provost	1	48,248	0	48,248
MBU Total	2	\$105,577	\$5,671	\$111,248
VPR/The Environmental Institute				
The Environmental Institute	11	686,587	252,284	938,871
Water Res & Research Ctr	7	638,897	147,704	786,601
MBU Total	18	\$1,325,484	\$399,988	\$1,725,472
VPR/Research Support				
Baystate/UM PVLSI	15	2,094,970	704,527	2,799,497
Mass Nanotech	1	50,000	0	50,000
MBU Total	16	\$2,144,970	\$704,527	\$2,849,497
VPR/University Press				
University Press	23	120,175	0	120,175
MBU Total	23	\$120,175	\$0	\$120,175
Vice Provost for Research Total	59	\$3,696,206	\$1,110,186	\$4,806,392
CUMULATIVE TOTAL FY06	1,774	\$157,517,151	\$44,451,304	\$201,968,455
Cumulative Total FY05	1,590	\$182,439,282	\$50,482,194	\$232,921,476
% Change FY 2005 to FY 2006	12%	-14%	-12%	-13%

PROPOSALS

PROPOSALS BY SPONSOR • FY 2006

TABLE 3
5 Year Proposal Trend by Sponsor Category

MBU	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006	
	Props	Dollars	Props	Dollars	Props	Dollars	Props	Dollars	Props	Dollars
Federal	820	\$132,601,288	867	\$162,059,628	957	\$190,238,512	860	\$176,957,010	868	\$147,063,024
Commonwealth of MA	105	\$6,595,388	91	\$13,106,766	86	\$11,718,438	101	\$14,273,850	109	\$9,370,143
Other States & Local Governments	34	\$1,177,187	29	\$1,402,565	21	\$867,051	26	\$2,011,822	31	\$875,718
Non-Profit	358	\$20,218,623	423	\$22,050,375	400	\$24,995,415	387	\$25,127,346	513	\$31,402,856
Industry	227	\$11,580,050	209	\$8,830,614	220	\$13,785,272	216	\$14,551,448	253	\$13,256,714
TOTAL	1,544	\$172,172,536	1,619	\$207,449,948	1,684	\$241,604,688	1,590	\$232,921,476	1,774	\$201,968,455

PROPOSALS

TABLE 4
Proposals Submitted to Federal Agencies
FY 2006

Sponsor	Proposals	Direct	Indirect	Total
US Dept of Agriculture				
Animal and Plant Health Inspec Serv	1	40,000	0	40,000
Coop State Res, Educ and Ext Service	38	4,101,021	794,638	4,895,659
Forest Service	19	713,723	27,944	741,667
Natural Resources Conserv Services(NRCS)	2	135,555	13,555	149,110
Northeast SARE	3	105,305	0	105,305
US Dept of Agriculture	7	683,437	54,439	737,876
Total	70	\$5,779,041	\$890,576	\$6,669,617
US Dept of Commerce				
Economic Development Administration	1	141,211	8,789	150,000
National Institute of Standards and Tech	7	457,428	43,525	500,953
National Marine Fisheries Service	2	55,765	20,307	76,072
Nat'l Oceanic and Atmospheric Admin	6	934,521	94,078	1,028,599
US Dept of Commerce	1	5,751	3,249	9,000
Total	17	\$1,594,676	\$169,948	\$1,764,624
US Dept of Defense				
Air Force	2	712,444	336,679	1,049,123
Air Force Office of Scientific Research	8	785,235	392,171	1,177,406
Army	16	1,245,985	601,369	1,847,354
Army Research Lab	2	583,719	192,140	775,859
Army Research Office	14	1,608,919	397,968	2,006,887
Central Intelligence Agency	1	236,275	118,405	354,680
Defense Logistics Agency	2	282,312	32,688	315,000
National Geospatial-Intelligence Agency	1	76,360	43,525	119,885
National Security Agency	4	282,657	104,221	386,878
Naval Research Laboratory	1	20,390	9,610	30,000
Office of Naval Research	20	3,384,547	558,015	3,942,562
US Dept of Defense	3	165,987	70,765	236,752
Total	74	\$9,384,830	\$2,857,556	\$12,242,386
US Dept of Education				
Fund Improvement of Post Secondary Ed	1	21,322	1,706	23,028
US Dept of Education	8	1,505,793	139,992	1,645,785
Total	9	\$1,527,115	\$141,698	\$1,668,813
US Dept of Energy				
US Dept of Energy	35	9,875,741	3,527,143	13,402,884
Total	35	\$9,875,741	\$3,527,143	\$13,402,884
US Dept of Health and Human Services				
Centers for Disease Control	1	159,235	90,765	250,000
Health Resources and Services Admin	5	645,213	37,995	683,208
National Institutes of Health	180	28,186,547	11,628,071	39,814,618
US Dept of Health and Human Services	1	294,398	23,552	317,950
Total	187	\$29,285,393	\$11,780,383	\$41,065,776

PROPOSALS

TABLE 4
Proposals Submitted to Federal Agencies
FY 2006

Sponsor	Proposals	Direct	Indirect	Total
US Dept of Homeland Security				
US Dept of Homeland Security	2	673,897	316,171	990,068
Total	2	\$673,897	\$316,171	\$990,068
US Dept of Interior				
Geological Survey	14	581,121	82,454	663,575
National Park Service	5	128,274	25,814	154,088
US Fish and Wildlife Service	4	57,892	10,455	68,347
Total	23	\$767,287	\$118,723	\$886,010
US Dept of Justice				
National Inst of Justice	1	168,268	45,167	213,435
US Dept of Justice	9	609,814	179,146	788,960
Total	10	\$778,082	\$224,313	\$1,002,395
US Dept of Transportation				
Federal Highway Administration	1	1,500	0	1,500
Federal Motor Carrier Safety Admin	2	129,073	67,112	196,185
Federal Railroad Administration	1	234,492	59,924	294,416
Natl Highway Traffic Safety Admin	2	78,404	44,591	122,995
US Dept of Transportation	1	312,826	117,174	430,000
Total	7	\$756,295	\$288,801	\$1,045,096
Independent Establishments & Govt Corps				
Agency for International Development	1	209,039	9,887	218,926
Binational Agricultural Research Dev	2	84,700	5,300	90,000
Corp for National and Community Service	1	129,396	6,819	136,215
Environmental Protection Agency	13	1,623,976	538,139	2,162,115
Library of Congress	1	8,000	0	8,000
Marine Mammal Commission	1	58,918	5,892 6	4,810
National Aero and Space Administration	35	2,670,957	742,900	3,413,857
National Endowment for the Arts	4	219,200	20,800	240,000
National Endowment for the Humanities	1	159,924	63,147	223,071
National Mediation Board	1	57,329	5,671	63,000
National Science Foundation	367	43,869,371	13,773,311	57,642,682
Peace Corps	2	31,768	1,928	33,696
Small Business Administration	2	1,869,603	24,094	1,893,697
Total	431	\$50,992,181	\$15,197,888	\$66,190,069
Other/Quasi Government Agencies				
Smithsonian Astrophysical Observatory	3	89,216	46,070	135,286
Total	3	\$89,216	\$46,070	\$135,286
TOTAL FY 2006 - Federal	868	111,503,754	35,559,270	147,063,024
Total FY 2005 - Federal	860	135,782,950	41,174,060	176,957,010
% Change FY 2005 to FY 2006	1%	-18%	-14%	-17%

PROPOSALS

FIGURE 4
Distribution of Proposal Dollars Submitted to Federal Agencies • FY 2006

Total Value:
\$147,063,024

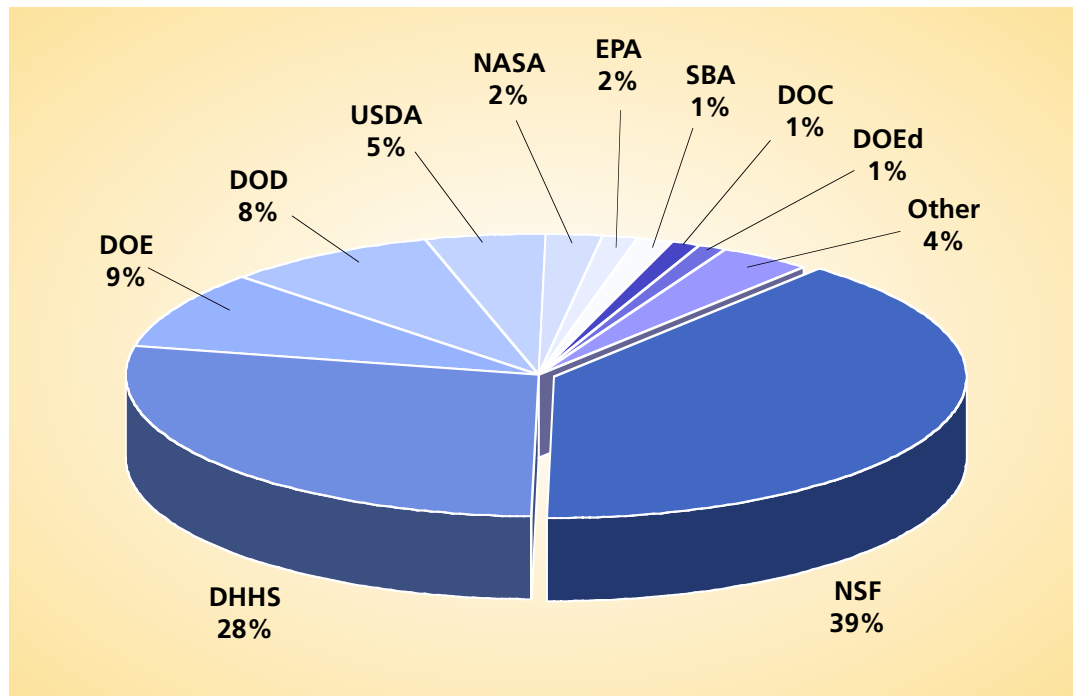


FIGURE 5
Distribution of Proposal Dollars Submitted to Private Sector Sponsors • FY 2006

Total Value:
\$44,659,570

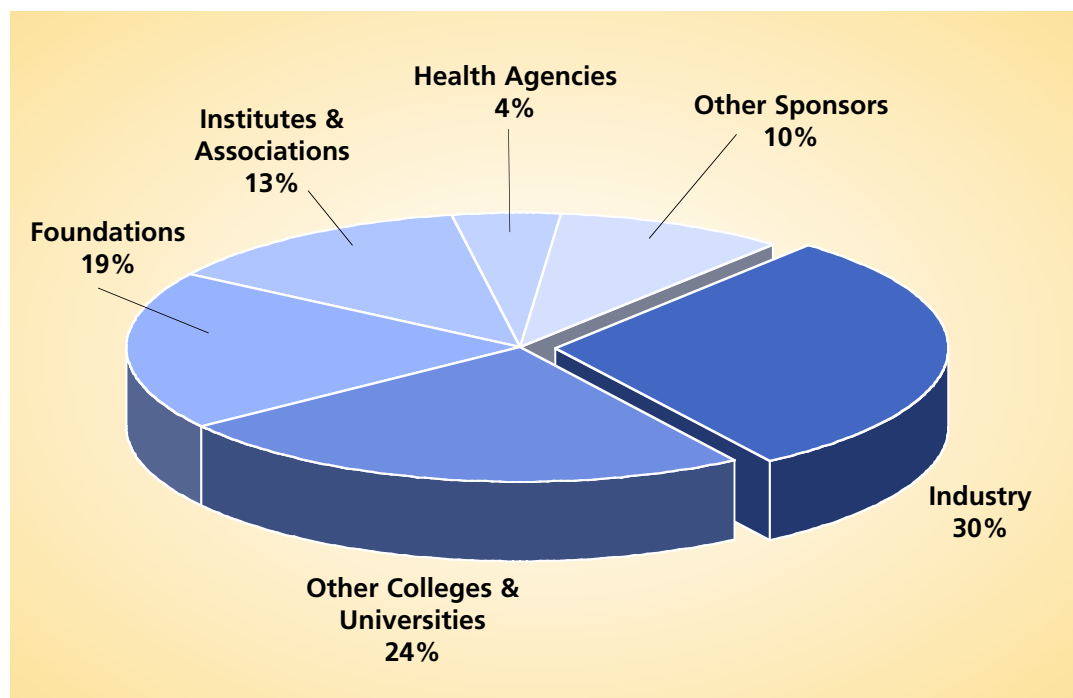


TABLE 5
Proposals Submitted to the Private Sector
FY 2006

Sponsor	Proposals	Direct	Indirect	Total
NON-PROFIT				
Foundations	155	7,745,411	741,287	8,486,698
Health Agencies	25	1,458,340	452,448	1,910,788
Institutes and Associations	128	5,258,221	682,293	5,940,514
Other Colleges and Universities	169	8,014,100	2,812,656	10,826,756
Other Sponsors	36	3,734,303	503,797	4,238,100
TOTAL FY 2006 – NON-PROFIT	513	\$26,210,375	\$5,192,481	\$31,402,856
Total FY 2005 – Non-Profit	387	\$20,151,789	\$4,975,557	\$25,127,346
% Change, FY 2005 to FY 2006	33%	30%	4%	25%
TOTAL FY 2006 – INDUSTRY	253	\$10,398,776	\$2,857,938	\$13,256,714
Total FY 2005 – Industry	216	\$11,532,113	\$3,019,335	\$14,551,448
% Change, FY 2005 to FY 2006	17%	-10%	-5%	-9%
TOTAL FY 2006 – PRIVATE SECTOR	766	\$36,609,151	\$8,050,419	\$44,659,570
Total FY 2005 – Private Sector	603	\$31,683,902	\$7,994,892	\$39,678,794
% Change, FY 2005 to FY 2006	27%	16%	1%	13%

TABLE 6 - Proposed Multidisciplinary Projects • FY 2006
Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
Provosts Area			
Provost's Office	Biology	National Science Foundation	\$413,238
College of Engineering			
Chemical Engineering(2)*	Electrical & Computer Engineering	Semiconductor Research Corp	\$206,919
Chemical Engineering	Electrical & Computer Engineering	United Technologies Research Ctr	\$186,750
Chemical Engineering(2)	Biology	National Science Foundation	\$150,000
Chemical Engineering(2)	Veterinary & Animal Sciences		
Chemical Engineering(2)	Mechanical & Industrial Engineering	National Science Foundation	\$460,304
Chemical Engineering(3)	Polymer Science & Engineering		
Chemical Engineering(2)	Polymer Science & Engineering	National Science Foundation	\$399,427
Chemical Engineering	Biology	National Science Foundation	\$338,214
Chemical Engineering	Mechanical & Industrial Engineering	National Science Foundation	\$143,569
Chemical Engineering	Electrical & Computer Engineering	National Science Foundation	\$125,000
Chemical Engineering	Dean-School of Engineering(2)		
Chemical Engineering	Chemistry	US Dept of Energy	\$182,204
Chemical Engineering(2)	Biology	National Science Foundation	\$0
Chemical Engineering	Biochemistry & Molecular Biology		
Chemical Engineering	Food Science	National Science Foundation	\$0
Chemical Engineering	Finance & Operations Management		
Chemical Engineering	Chemistry	US Dept of Energy	\$205,556
Civil & Environmental Engineering	Microbiology	American Water Works Assoc	\$133,306
Civil & Environmental Engineering	Electrical & Computer Engineering	National Science Foundation	\$173,220
Civil & Environmental Engineering	Natural Resources Conservation	US Dept of Energy	\$124,935
Electrical & Computer Engineering	Provost's Office	Microsoft Corporation	\$75,000
Electrical & Computer Engineering	Dean-School of Engineering	National Science Foundation	\$15,000
Electrical & Computer Engineering	Communication	National Institutes of Health	\$215,896
Electrical & Computer Engineering	Computer Science	National Science Foundation	\$25,350

*Number of PI/CoPIs from a listed department

TABLE 6
Proposed Multidisciplinary Projects • FY 2006
 Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
College of Engineering continued			
Electrical & Computer Engineering	Computer Science	National Science Foundation	\$30,250
Mechanical & Industrial Engineering	Electrical & Computer Engineering Exercise Science	National Science Foundation	
Mechanical & Industrial Engineering(2)	Finance & Operations Management	Office of Naval Research	\$148,621
Mechanical & Industrial Engineering(2)	Civil & Environmental Engineering	NY State Energy Res & Dev Auth	\$418,852
Mechanical & Industrial Engineering(2)	Computer Science	Microsoft Corporation	\$79,622
Mechanical & Industrial Engineering	Food Service BRD Plan Admin	National Institutes of Health	\$75,000
Mechanical & Industrial Engineering(2)	Chemical Engineering Electrical & Computer Engineering	National Science Foundation	\$76,135
Mechanical & Industrial Engineering	Polymer Science & Engineering		
Mechanical & Industrial Engineering	Computer Science Psychology	National Science Foundation	\$347,963
Mechanical & Industrial Engineering	School of Nursing		
Mechanical & Industrial Engineering(3)	Marketing	National Science Foundation	\$680,583
Mechanical & Industrial Engineering	Civil & Environmental Engineering Psychology	Centers for Disease Control	\$179,196
UMASS Transportation Center	Mechanical & Industrial Engineering	National Institutes of Health	\$250,000
			\$300,000
College of Humanities & Fine Arts			
Linguistics	Communication Disorders	National Science Foundation	\$227,421
College of Nat. Resources & The Environ.			
Food Science	Veterinary & Animal Sciences	CSREES, Dept of Agriculture	\$145,491
Food Science(2)	Veterinary & Animal Sciences	CSREES, Dept of Agriculture	\$145,491
Food Science	Nutrition	CSREES, Dept of Agriculture	\$167,435
Natural Resources Conservation	Plant, Soil & Insect Sciences(2)	CSREES, Dept of Agriculture	\$100,113
Natural Resources Conservation	The Environmental Institute	Environmental Protection Agency	\$131,021
Plant, Soil & Insect Sciences	Natural Resources Conservation	National Science Foundation	\$87,290
Plant, Soil & Insect Sciences	Microbiology	National Science Foundation	\$170,992

TABLE 6
Proposed Multidisciplinary Projects • FY 2006
 Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
College of Nat. Resources & The Environ. cont.			
Plant, Soil & Insect Sciences	Veterinary & Animal Sciences	Pennsylvania State University	\$39,977
Plant, Soil & Insect Sciences	Natural Resources Conservation	National Science Foundation	\$86,453
Plant, Soil & Insect Sciences	Microbiology	National Science Foundation	\$170,564
Plant, Soil & Insect Sciences	Biology	CSREES, Dept of Agriculture	\$108,820
Plant, Soil & Insect Sciences	UMASS Extension(2)	Cornell University	\$34,700
Plant, Soil & Insect Sciences	Natural Resources Conservation	Forest Service	\$28,225
Plant, Soil & Insect Sciences	Computer Science	National Science Foundation	\$149,996
Plant, Soil & Insect Sciences(2)	Veterinary & Animal Sciences	MA Dept of Environmental Protection	\$74,868
Veterinary & Animal Sciences	The Environmental Institute	WateReuse Foundation	\$104,147
Veterinary & Animal Sciences	The Environmental Institute	WateReuse Foundation	
	Environmental Science		
	Plant, Soil & Insect Sciences		\$96,364
Veterinary & Animal Sciences	The Environmental Institute	Geological Survey	
	Environmental Science		
	Plant, Soil & Insect Sciences		\$80,349
Veterinary & Animal Sciences	The Environmental Institute	WateReuse Foundation	\$99,734
Veterinary & Animal Sciences	The Environmental Institute	Environmental Protection Agency	
	Plant, Soil & Insect Sciences		\$99,877
College of Natural Sciences and Mathematics			
Astronomy(3)	Computer Science	National Science Foundation	\$201,111
Astronomy(3)	Computer Science	National Science Foundation	\$245,820
Biology	Organismic & Evol Biology- OEB	National Science Foundation	\$2,904
Biology	Public Health	National Institutes of Health	\$370,600
Chemistry	Chemical Engineering	National Institutes of Health	\$189,398
Chemistry	Food Science	CSREES, Dept of Agriculture	\$123,228
Chemistry	Chemical Engineering	National Institutes of Health	\$188,487
Chemistry	Chemical Engineering	National Institutes of Health	\$188,487
Chemistry(2)	Physics	US Dept of Energy	\$390,372

TABLE 6
Proposed Multidisciplinary Projects • FY 2006
 Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
College of Natural Sciences & Mathematics cont.			
Chemistry	Veterinary & Animal Sciences	Army	\$383,078
Computer Science(2)	Mathematics & Statistics	iCad Inc	\$60,000
Computer Science(4)	Electrical & Computer Engineering	National Science Foundation	\$341,370
Computer Science	Teacher Ed & Curriculum Studies	National Science Foundation	\$476,529
Computer Science	Teacher Ed & Curriculum Studies	National Science Foundation	\$378,943
Computer Science(4)	Biology	National Science Foundation	\$372,904
Computer Science	Natural Resources Conservation	National Science Foundation	\$277,701
Computer Science	Mathematics & Statistics	Army	\$114,490
Computer Science	Biochemistry & Molecular Biology	National Science Foundation	\$181,828
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$269,421
Computer Science(2)	Exercise Science	Nat'l Collegiate Inventors and Innovator	\$20,000
Computer Science(2)	Political Science	National Science Foundation	\$703,290
Computer Science(2)	Ed Policy Research & Admin	National Science Foundation	\$214,526
Computer Science(2)	Teacher Ed & Curriculum Studies	National Science Foundation	\$276,355
Microbiology	Mathematics & Statistics	National Science Foundation	\$168,560
Microbiology	Civil & Environmental Engineering(2)	American Water Works Assoc Research Fdn	\$387,877
Microbiology	Food Science	US Dept of Energy	\$165,306
Microbiology	Geosciences	Rawhide Resources LLC	\$70,112
Polymer Science & Engineering(2)	Physics(2)	National Science Foundation	\$454,403
Scientific Reasoning Research Institute	Physics	National Science Foundation	\$16,280
Scientific Reasoning Research Institute(Physics	National Science Foundation	\$188,402
College of Social & Behavioral Sciences			
Psychology	Linguistics	National Science Foundation	\$139,988
Psychology	Linguistics	National Institutes of Health	\$190,333
Health Services			
Administration and General-UHS	Public Health	Substance Abuse and Mental Health Serv	\$74,969

TABLE 6
Proposed Multidisciplinary Projects • FY 2006
Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
Research Services			
Animal Care	Veterinary & Animal Sciences Plant, Soil & Insect Sciences(2)	CSREES, Dept of Agriculture	\$72,315
School of Education			
Student Dev & Pupil Personnel Services	Ed Policy Research & Admin	University of Florida	\$71,000
Teacher Ed & Curriculum Studies(2)	Asian Languages & Literature	Academy for Educational Development	\$699,876
Teacher Ed & Curriculum Studies	Astronomy	National Science Foundation	\$424,160
School of Management			
Accounting & Information Systems	Computer Science	Microsoft Corporation	\$49,500
Accounting & Information Systems	Ed Policy Research & Admin	Microsoft Corporation	\$73,500
Finance & Operations Management	Teaching Development Center Resource Economics	National Science Foundation	\$133,332
School of Nursing			
School of Nursing	Public Health	National Institutes of Health	\$240,037
School of Nursing	Public Health	National Institutes of Health	\$112,934
School of Nursing	Exercise Science	National Institutes of Health	\$76,171
School of Nursing(3)	Sociology	Johnson Fdn, Robert Wood	\$138,710
School of Nursing(4)	Computer Science(2) Mathematics & Statistics Mechanical & Industrial Engineering	National Institutes of Health	\$291,951
School of Public Health & Health Sciences			
Communications Disorders(2)	Psychology	National Institutes of Health	\$264,961
Exercise Science(2)	Mathematics & Statistics	National Institutes of Health	\$75,364
Exercise Science(3)	Mathematics & Statistics	National Institutes of Health	\$353,313
Exercise Science	Mathematics & Statistics(2)	National Institutes of Health	\$355,049
Exercise Science(5)	Mathematics & Statistics(2)	National Institutes of Health	\$460,163

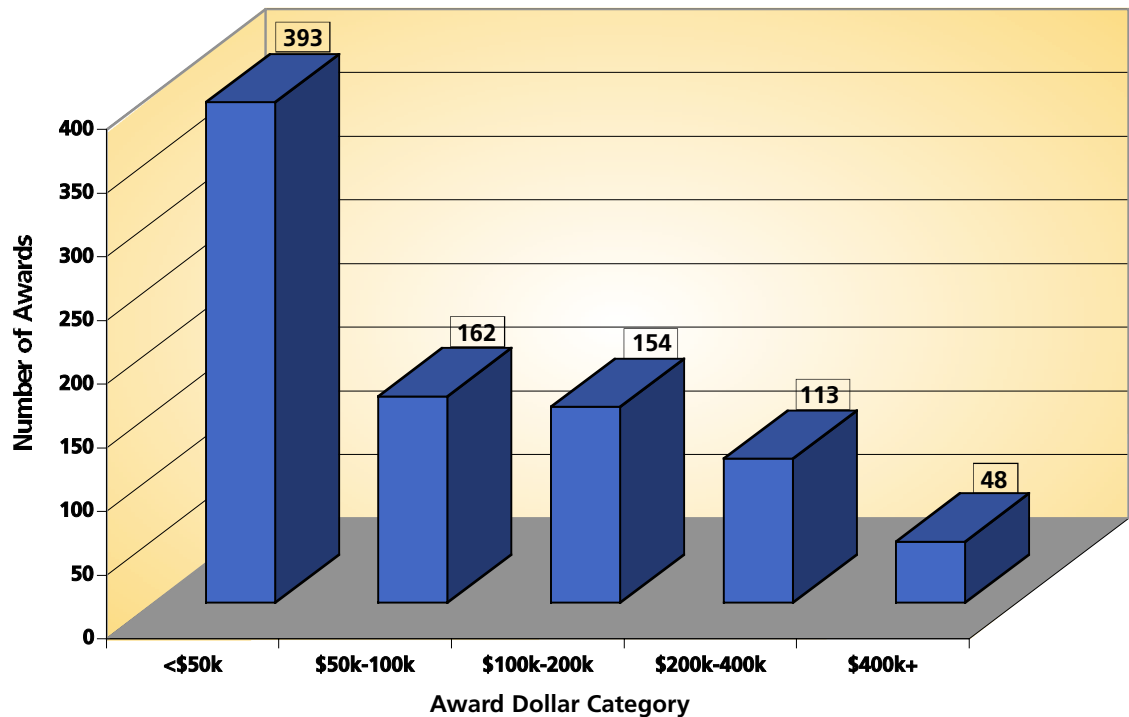
TABLE 6
Proposed Multidisciplinary Projects • FY 2006
Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
Sch of Public Health & Health Sciences cont.			
Exercise Science(2)	Administration and General-UHS	National Institutes of Health	\$343,630
Public Health(2)	Nutrition	National Institutes of Health	\$467,286
Public Health	Exercise Science	National Institutes of Health	\$110,369
Public Health(2)	Exercise Science(2)	National Institutes of Health	\$606,435
Public Health	Exercise Science	National Institutes of Health	\$112,219
University Outreach			
C.E.-School of Education-A	Ed Policy Research & Admin	College Board	\$13,412
UMASS Extension	Natural Resources Conservation	Lindsay Trust, The Agnes M	\$10,000
UMASS Extension	Natural Resources Conservation	The Goatie Foundation	\$25,000
UMASS Extension	Natural Resources Conservation	The Martin Foundation Inc	\$20,000
UMASS Extension	Nutrition	University of Mass - Fdn Inc	
	Public Health		\$98,560
Stem Institute	Chemistry	National Science Foundation	
	Civil & Environmental Engineering		
	Electrical & Computer Engineering		\$597,290
Stem Institute	Teacher Ed & Curriculum Studies	National Science Foundation	\$258,936
VPR/The Environmental Institute			
The Environmental Institute	Geosciences	Environmental Protection Agency	\$191,170
The Environmental Institute	Biology	Environmental Protection Agency	
	Resource Economics		\$274,420
The Environmental Institute	Geosciences	National Science Foundation	
	Mechanical & Industrial Engineering		
	Natural Resources Conservation		
	Political Science		\$0
The Environmental Institute(2)	Biology	CSREES, Dept of Agriculture	
	Plant, Soil & Insect Sciences		
	Veterinary & Animal Sciences		\$181,843

TABLE 6
Proposed Multidisciplinary Projects • FY 2006
Proposed but not awarded in FY 2006 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
VPR/The Environmental Institute cont.			
The Environmental Institute	Mechanical & Industrial Engineering Water Res & Research Ctr	Environmental Protection Agency	\$99,736
Water Res & Research Ctr	Natural Resources Conservation	AWWA Research Fdn	\$73,074
VPR/Research Support			
Baystate/UM PVLIS	Food Science	S.G. Komen Breast Cancer Fdn	\$122,664
Baystate/UM PVLIS	Food Science	National Institutes of Health	\$150,193
Mass Nanotech	Physics	Semiconductor Research Corp	\$50,000

FIGURE 6
Distribution of Awards by Dollar Category • FY 2006*



* 2 or more FY 2006 awards in the same project were grouped together, therefore the total number shown here is less than the total number of awards received in FY '06

FIGURE 7
Distribution of Award Dollars to PIs • FY 2006

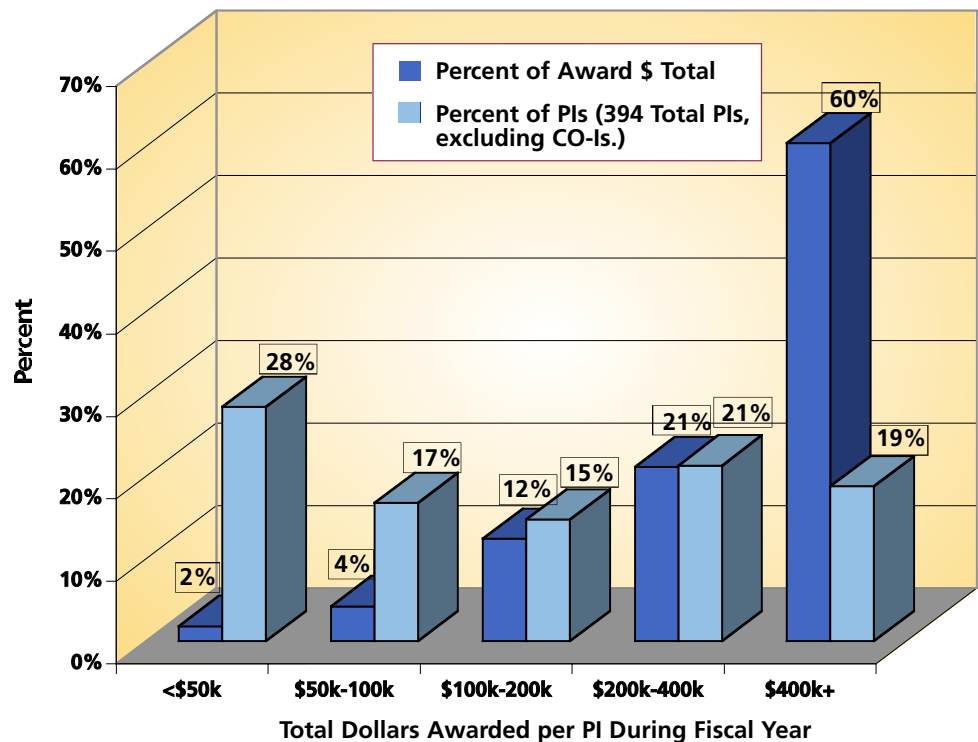
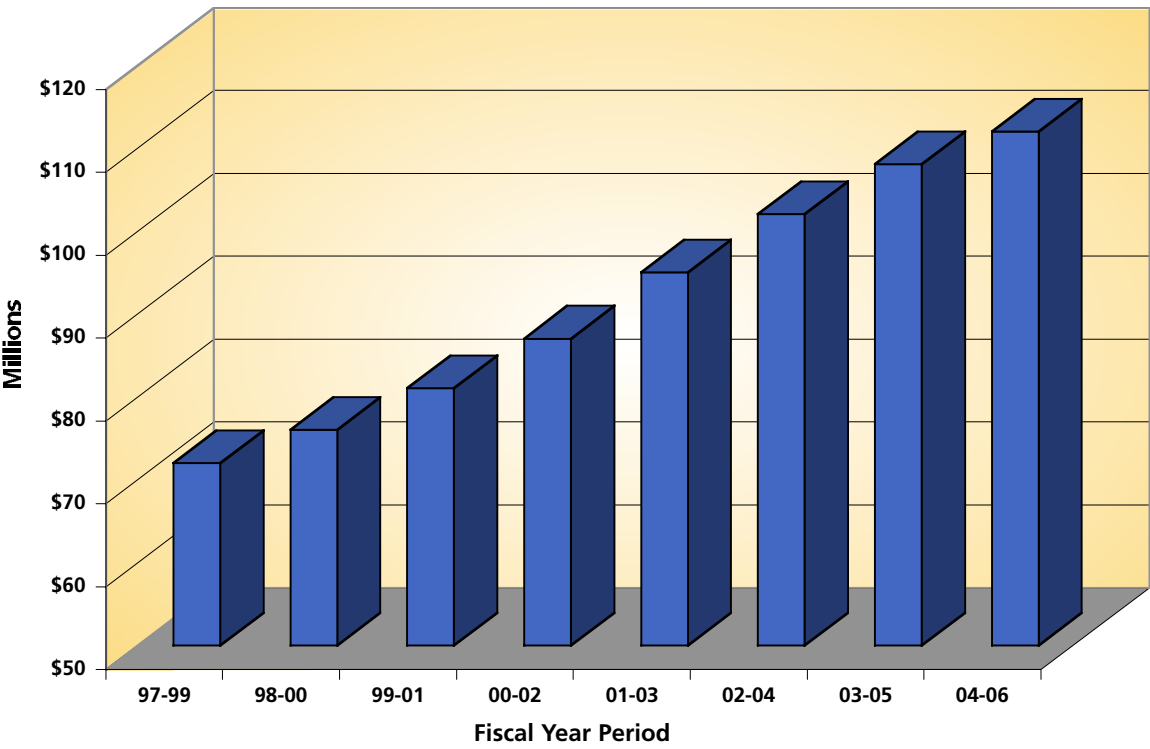


FIGURE 8
Award Dollars Three-Year Averages • FY 1997-2006



AWARDS

FIGURE 9
Distribution of Award Numbers by Award Type • FY 2006

Total Awards:
1,080

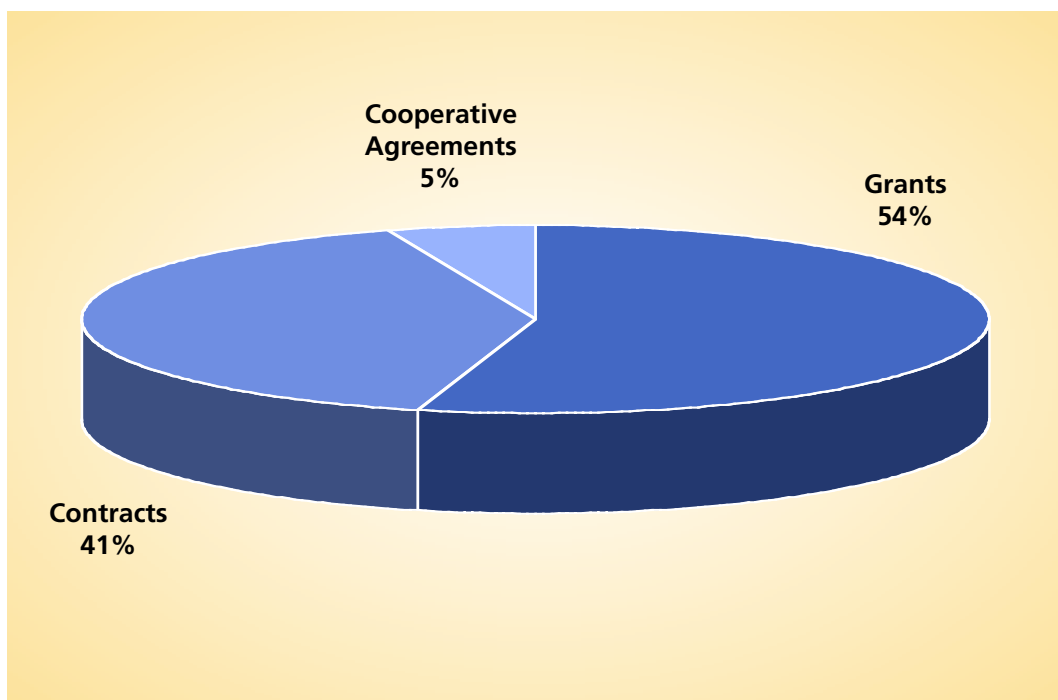


FIGURE 10
Distribution of Award Dollars by Award Type • FY 2006

Total Costs:
\$115,861,028

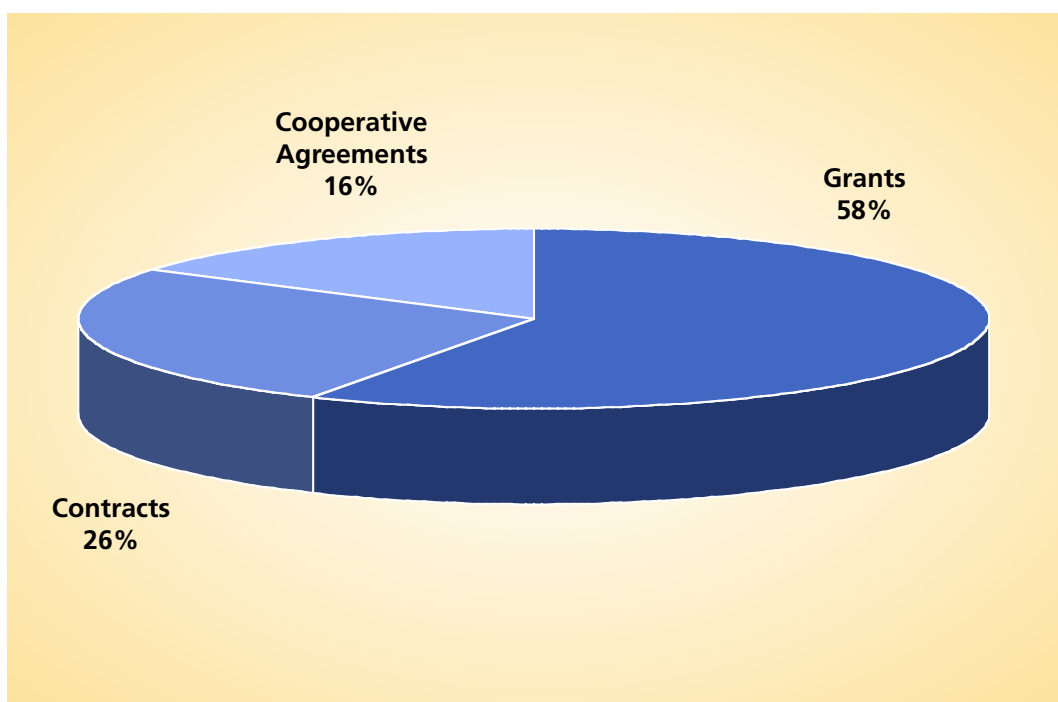


FIGURE 11
Direct, Indirect & Total Dollar Value of Awards • FY 1997-2006

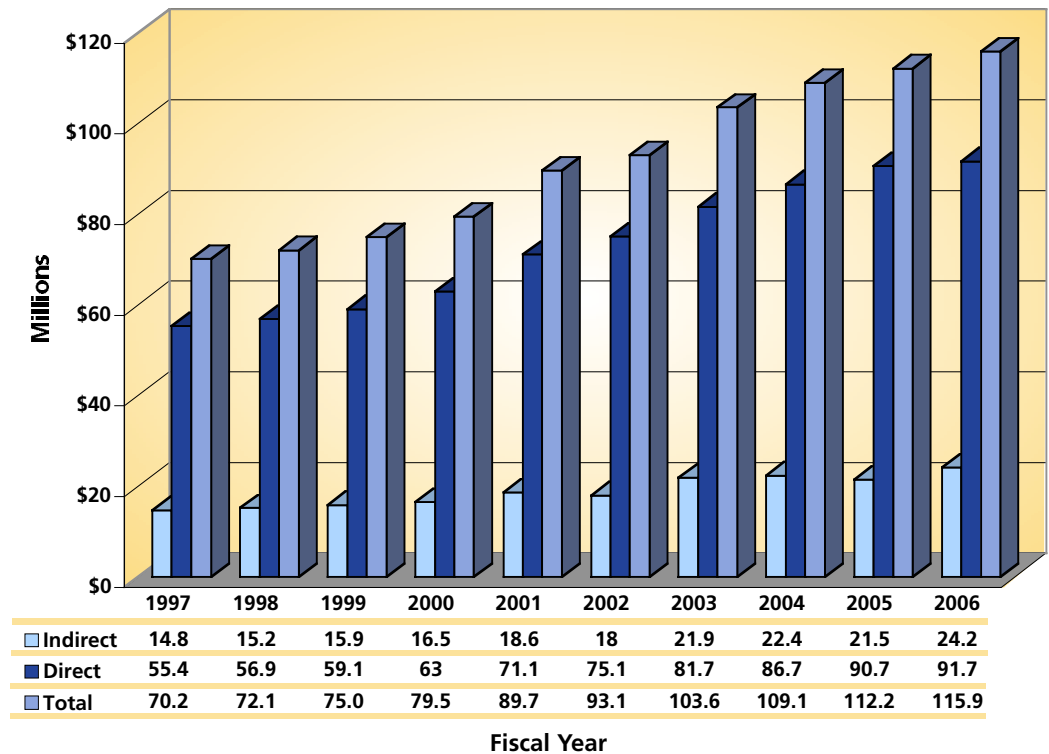
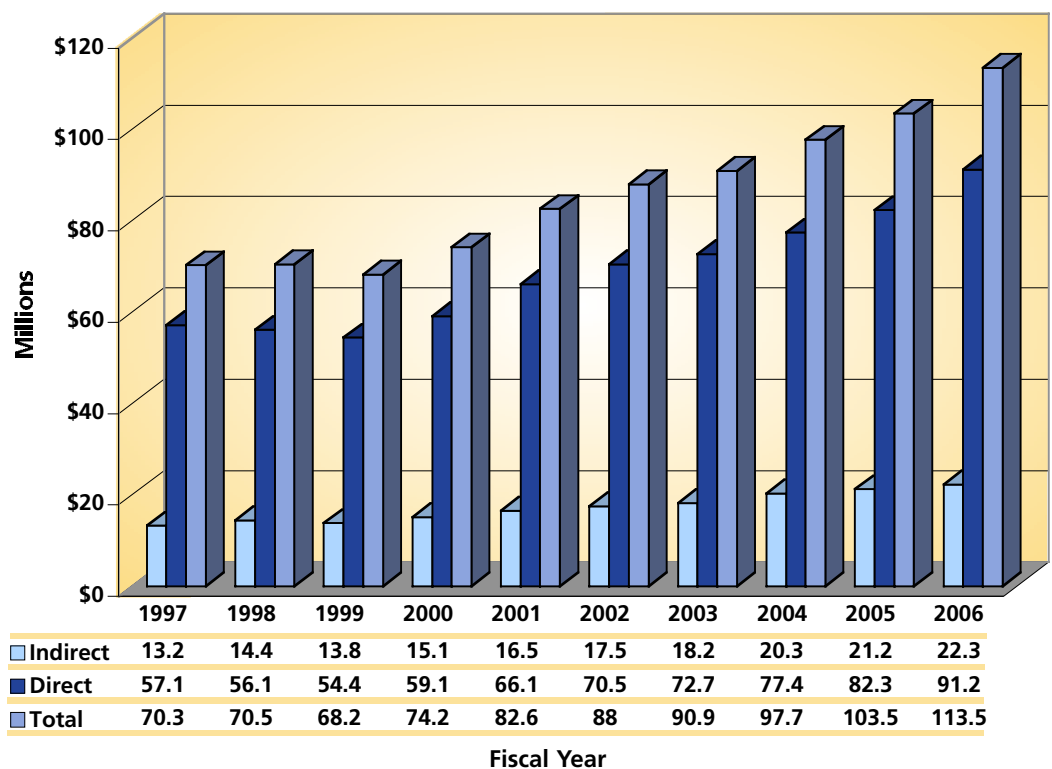


FIGURE 12
Direct, Indirect & Total Dollar Expenditures* • FY 1997-2006



*Data obtained from
the Budget Office

AWARDS

AWARDS BY ORGANIZATIONAL UNIT • FY 2006

5 Year Awards Trend by Major Budgetary Unit (MBU)

TABLE 7

MBU	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006	
	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars
Academic Administration	5	1,645,835	6	780,174	9	\$2,314,108	5	\$2,186,872	12	\$1,492,451
Academic Support	19	591,251	18	737,205	13	\$142,700	13	\$128,657	25	\$641,145
Academic Support Services	1	278,305	1	269,979	2	\$550,758	0	\$0	0	\$0
Athletics	1	20,000	0	0	0	0	0	\$0	0	\$0
Chancellor	0	0	0	0	0	0	0	\$0	0	\$0
College of Engineering	173	15,221,293	168	15,893,819	174	\$20,217,665	159	\$25,543,663	180	\$21,117,579
College of Humanities & Fine Arts	9	382,714	6	300,391	10	\$580,786	16	\$927,465	10	\$1,322,180
College Nat. Resources & The Environment	242	12,547,623	202	14,297,779	233	\$14,160,609	220	\$15,459,812	231	\$22,113,539
College of Natural Sciences and Math	305	41,898,307	358	48,390,426	339	\$46,800,366	305	\$40,372,723	353	\$44,218,040
College of Social & Behavioral Sciences	70	5,766,959	61	6,012,492	92	\$6,033,247	77	\$5,448,492	92	\$6,632,525
Dean of Students	4	284,006	4	398,623	5	\$376,565	4	\$518,571	7	\$553,896
Health Services	0	0	0	0	0	0	2	\$25,000	1	\$473,789
Housing Services	0	0	1	85,266	1	\$85,266	2	\$170,532	0	\$0
Human Resources	8	153,014	6	142,312	7	\$222,040	6	\$384,993	7	\$117,483
Physical Plant	4	44,476	6	157,360	0	0	1	\$2,880	0	\$0
Public Safety	0	\$0	0	\$0	0	\$0	1	\$75,000	0	\$0
School of Education	26	2,067,086	28	4,508,622	31	\$4,713,354	40	\$7,837,348	35	\$3,953,071
School of Management	12	3,559,796	9	3,783,104	15	\$3,844,815	11	\$3,503,790	9	\$3,246,604
School of Nursing	14	1,327,736	4	437,085	6	\$749,192	12	\$2,619,786	15	\$1,328,747
School of Public Health & Health Sciences	58	5,036,859	39	5,431,812	46	\$6,970,575	32	\$4,606,841	54	\$6,382,217
Student Affairs	0	0	0	0	1	\$12,855	0	\$0	2	\$44,254
University Library	0	0	0	0	0	0	0	\$0	0	\$0
University Outreach	8	424,578	5	314,482	5	\$555,932	11	\$702,557	13	\$1,602,486
VCR/Vice Chancellery for Research	84	1,858,366	76	1,680,961	29	\$776,092	19	\$1,723,346	34	\$621,022
Total	1,043	\$93,108,204	998	\$103,621,892	1,018	\$109,106,925	936	\$112,238,328	1,080	\$115,861,028

TABLE 8
Awards Accepted by Organizational Unit • FY 2006

Organizational Unit	Award	Direct	Indirect	Total	CoPI Adjusted Totals	Net Adjustment
Academic Administration						
Provost's Office	12	1,432,193	60,258	1,492,451	1,269,938	-222,513
MBU Total	12	\$1,432,193	\$60,258	\$1,492,451	\$1,269,938	
Academic Support						
AIMS	2	6,000	0	6,000	6,000	0
Fine Arts Center	23	625,015	10,130	635,145	635,145	0
Teaching Development Center	0	0	0	0	11,750	11,750
UG Advising & Academic Support	0	0	0	0	9,000	9,000
MBU Total	25	\$631,015	\$10,130	\$641,145	\$661,895	
College of Engineering						
Dean-School of Engineering	3	199,536	50,664	250,200	306,066	55,866
Chemical Engineering	30	4,184,881	1,312,357	5,497,238	3,797,936	-1,699,302
Civil & Environmental Engineering	13	965,782	241,566	1,207,348	1,340,378	133,030
Electrical and Computer Engineering	66	6,516,701	1,263,034	7,779,735	8,230,917	451,182
Mechanical and Industrial Engineering	47	3,158,450	607,602	3,766,052	3,812,127	46,075
UMASS Transportation Center	21	2,316,311	300,695	2,617,006	2,550,478	-66,528
MBU Total	180	\$17,341,661	\$3,775,918	\$21,117,579	\$20,037,902	
College of Humanities & Fine Arts						
Afro-American Studies	1	157,997	0	157,997	169,747	11,750
Classics	1	8,333	1,667	10,000	10,000	0
English	2	26,052	1,448	27,500	27,500	0
Judaic and Near Eastern Studies	3	115,421	0	115,421	115,421	0
Linguistics	3	729,581	281,681	1,011,262	1,062,346	51,084
MBU Total	10	\$1,037,384	\$284,796	\$1,322,180	\$1,385,014	
College of Nat. Resources & The Environ.						
Cranberry Experiment Station	31	383,696	38,811	422,507	422,507	0
Food Science	14	1,015,157	147,849	1,163,006	1,163,006	0
Landscape Architecture & Reg. Planning	3	89,500	787	90,287	90,287	0
Microbiology	18	8,111,212	2,959,229	11,070,441	10,940,033	-130,408
Natural Resources Conservation	52	2,095,474	274,389	2,369,863	2,295,851	-74,012
Organismic & Evol Biology- OEB	1	187,015	92,477	279,492	279,492	0
Plant, Soil and Insect Sciences	77	2,313,702	333,868	2,647,570	2,611,178 -	36,392
Resource Economics	4	150,330	0	150,330	288,330	138,000
Stockbridge	1	4,545	455	5,000	4,750	-250
Veterinary and Animal Sciences	30	2,895,024	1,020,019	3,915,043	4,091,127	176,084
MBU Total	231	\$17,245,655	\$4,867,884	\$22,113,539	\$22,186,561	

Organizational Unit	Award	Direct	Indirect	Total	CoPI Adjusted Totals	Net Adjustment
College of Natural Sciences & Mathematics						
Astronomy	28	1,765,806	648,760	2,414,566	2,357,619	-56,947
Biochemistry and Molecular Biology	14	1,699,740	723,477	2,423,217	2,603,230	180,013
Biology	28	3,002,977	1,344,721	4,347,698	4,499,058	151,360
Chemistry	30	2,819,329	1,130,569	3,949,898	4,013,912	64,014
Computer Science	111	10,105,459	3,682,233	13,787,692	13,507,575	-280,117
Geosciences	29	1,936,077	552,875	2,488,952	2,598,290	109,338
Mathematics and Statistics	13	843,344	426,263	1,269,607	1,280,407	10,800
Physics	22	1,886,447	731,328	2,617,775	3,916,551	1,298,776
Polymer Science and Engineering	75	7,610,693	2,132,962	9,743,655	9,322,251	-421,404
Scientific Reasoning Research Institute	3	858,531	316,449	1,174,980	1,174,980	0
MBU Total	353	\$32,528,403	\$11,689,637	\$44,218,040	\$45,273,873	
College of Social & Behavioral Sciences						
Anthropology	6	143,695	44,195	187,890	241,392	53,502
Anthropology - Archaeological Services	34	699,941	118,809	818,750	818,750	0
Communication	5	124,822	46,628	171,450	171,450	0
Economics	4	723,911	6,818	730,729	730,729	0
Neuro Science Behavior-NSB	1	26,820	220	27,040	13,520	-13,520
Political Science	1	17,103	9,663	26,766	26,766	0
Psychology	31	2,843,407	975,459	3,818,866	3,817,793	-1,073
Public Policy	2	119,900	0	119,900	66,398	-53,502
Sociology	8	542,930	188,204	731,134	731,134	0
MBU Total	92	\$5,242,529	\$1,389,996	\$6,632,525	\$6,617,932	
Dean of Students						
Dean of Students	1	254,980	20,399	275,379	275,379	0
Everywoman's Center	6	278,517	0	278,517	278,517	0
MBU Total	7	\$533,497	\$20,399	\$553,896	\$553,896	
Health Services						
Administration and General-UHS	1	433,988	39,801	473,789	473,789	0
MBU Total	1	\$433,988	\$39,801	\$473,789	\$473,789	
Housing Services						
HS SW/No Res Life	0	0	0	0	9,000	9,000
MBU Total	0	\$0	\$0	\$0	\$9,000	
Human Resources						
Human Resources	7	109,412	8,071	117,483	117,483	0
MBU Total	7	\$109,412	\$8,071	\$117,483	\$117,483	

TABLE 8
Awards Accepted by Organizational Unit • FY 2006

Organizational Unit	Award	Direct	Indirect	Total	CoPI Adjusted Totals	Net Adjustment
School of Education						
Educational Policy Research & Admin.	18	2,073,247	374,917	2,448,164	2,588,420	140,256
Student Dev. & Pupil Personnel Services	10	629,537	46,226	675,763	601,507	-74,256
Teacher Ed & Curriculum Studies	7	779,915	49,229	829,144	895,144	66,000
MBU Total	35	\$3,482,699	\$470,372	\$3,953,071	\$4,085,071	
School of Management						
Finance & Operations Management	2	45,048	17,970	63,018	63,018	0
MA Small Business Dev Ctr	7	3,135,586	48,000	3,183,586	3,183,586	0
MBU Total	9	\$3,180,634	\$65,970	\$3,246,604	\$3,246,604	
School of Nursing						
School of Nursing	15	1,277,610	51,137	1,328,747	1,339,547	10,800
MBU Total	15	\$1,277,610	\$51,137	\$1,328,747	\$1,339,547	
Sch of Public Health & Health Sciences						
Communications Disorders	3	240,133	37,235	277,368	277,368	0
Exercise Science	18	993,737	251,105	1,244,842	1,244,842	0
Nutrition	6	1,893,766	189,117	2,082,883	2,065,133	-17,750
Public Health	27	2,018,400	758,724	2,777,124	2,776,124	-1,000
MBU Total	54	\$5,146,036	\$1,236,181	\$6,382,217	\$6,363,467	
Student Affairs						
Student Activities Center	2	44,254	0	44,254	44,254	
MBU Total	2	\$44,254	\$0	\$44,254	\$44,254	
University Outreach						
Stem Institute	2	326,883	91,793	418,676	177,338	-241,338
UMASS Extension	10	773,782	91,752	865,534	865,534	0
WFCR	1	318,276	0	318,276	318,276	0
MBU Total	13	\$1,418,941	\$183,545	\$1,602,486	\$1,361,148	
Vice Provost for Research						
VPR/Vice Provost for Research						
EEI	1	57,329	5,671	63,000	31,500	-31,500
Office of The Vice Provost	1	11,582	0	11,582	11,582	0
MBU Total	2	\$68,911	\$5,671	\$74,582	\$43,082	

TABLE 8
Awards Accepted by Organizational Unit • FY 2006

Organizational Unit	Award	Direct	Indirect	Total	CoPI Adjusted Totals	Net Adjustment
VPR/The Environmental Institute						
The Environmental Institute	6	94,903	9,027	103,930	315,062	211,132
Water Res & Research Ctr	2	101,426	909	102,335	135,335	33,000
MBU Total	8	\$196,329	\$9,936	\$206,265	\$450,397	
VPR/Research Support						
Baystate/UMI PVLSI	1	200,000	20,000	220,000	220,000	0
MBU Total	1	\$200,000	\$20,000	\$220,000	\$220,000	
VPR/University Press						
University Press	23	120,175	0	120,175	120,175	0
MBU Total	23	\$120,175	\$0	\$120,175	\$120,175	
Vice Provost for Research Total	34	\$585,415	\$35,607	\$621,022	\$621,022	
Cumulative Total FY06	1,080	\$91,671,326	\$24,189,702	\$115,861,028	\$115,861,028	
Cumulative Total FY05	936	\$90,754,827	\$21,483,501	\$112,238,328	\$112,238,328	
% Change FY 2005 to FY 2006	15%	1%	13%	3%	3%	

Organizational Unit	CoPI Department	Sponsor	Total \$
Provosts Area			
Provost's Office	Biology	National Science Foundation	\$400,026
Provost's Office(2)*	Afro-American Studies Teaching Development Center	Mellon Foundation, Andrew	\$47,000
College of Engineering			
Chemical Engineering	Microbiology	National Science Foundation	
Chemical Engineering	Veterinary & Animal Sciences		\$427,950
Chemical Engineering	Physics	National Science Foundation	\$2,000,050
Chemical Engineering	Chemistry	US Dept of Energy	\$50,000
Chemical Engineering	Polymer Science & Engineering	ExxonMobil Chemical Co	\$75,000
Chemical Engineering	Polymer Science & Engineering	Boston Scientific Corporation	\$15,000
Chemical Engineering	Biology	National Institutes of Health	\$230,319
Chemical Engineering	Polymer Science & Engineering	Novellus Systems Inc	\$100,000
Chemical Engineering	Mechanical & Industrial Engineering	National Science Foundation	\$7,000
Chemical Engineering	Polymer Science & Engineering	Marubeni Corporation	\$4,000
Chemical Engineering	Chemistry	National Science Foundation	
	Electrical & Computer Engineering Physics		
	Polymer Science & Engineering		\$627,738
Civil & Environmental Engineering	Mechanical & Industrial Engineering	Massachusetts Institute of Technology	\$49,011
Civil & Environmental Engineering	Art	MA Exec Off of Transportation and Const	\$0
Electrical & Computer Engineering	Dean-School of Engineering	National Science Foundation	\$15,000
Electrical & Computer Engineering	Dean-School of Engineering	National Science Foundation	\$12,582
Electrical & Computer Engineering	Dean-School of Engineering	National Science Foundation	\$84,150
Mechanical & Industrial Engineering	Civil & Environmental Engineering	New England Transportation Consortium	\$74,491
Mechanical & Industrial Engineering	Civil & Environmental Engineering Psychology	Calspan Corporation	\$121,637
UMASS Transportation Center	Civil & Environmental Engineering	VT Agency of Transportation	\$166,320

*Number of PI/CoPIs from a listed department

TABLE 9
Awarded Multidisciplinary Projects • FY 2006
 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
College of Nat. Resources & The Environ.			
Microbiology	Physics	US Dept of Energy	\$346,405
Natural Resources Conservation(3)	Resource Economics	CSREES, Dept of Agriculture	\$420,000
Natural Resources Conservation	Computer Science	Microsoft Corporation	\$50,000
Plant, Soil & Insect Sciences(2)	Veterinary & Animal Sciences	MA Dept of Environmental Protection	\$99,360
Plant, Soil & Insect Sciences(2)	Natural Resources Conservation	CSREES, Dept of Agriculture	\$85,953
Stockbridge	Nutrition	MA Dept of Food and Agriculture	\$5,000
Veterinary & Animal Sciences	The Environmental Institute	US Golf Association	\$20,000
College of Natural Sciences and Mathematics			
Astronomy(3)	Computer Science	NASA	\$227,787
Biochemistry and Molecular Biology	Chemical Engineering	Dreyfus Fdn, Camille and Henry	\$40,000
Chemistry	Polymer Science & Engineering	US Dept of Defense	\$119,095
Chemistry	Polymer Science & Engineering	National Science Foundation	\$115,000
Computer Science(2)	Mathematics and Statistics	National Science Foundation	
	School of Nursing		\$270,000
Computer Science(2)	Chemistry	National Science Foundation	\$152,572
Computer Science	Resource Economics	Anonymous	\$250,000
Computer Science	Water Res & Research Ctr(2)	Microsoft Corporation	\$50,000
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$281,900
Computer Science	Electrical & Computer Engineering	National Science Foundation	\$250,000
Polymer Science & Engineering	The Environmental Institute	Environmental Protection Agency	\$484,700
Polymer Science & Engineering(2)	Chemical Engineering	National Science Foundation	
	Electrical & Computer Engineering		
	Mechanical & Industrial Engineering		\$702,750
College of Social & Behavioral Sciences			
Neuro Science Behavior-NSB	Psychology	National Institutes of Health	\$27,040
Psychology	Linguistics	National Institutes of Health	\$102,168

*Number of PI/CoPIs from a listed department

TABLE 9
Awarded Multidisciplinary Projects • FY 2006
 In which at least one CoPIs Dept is Different from the Lead Dept

Organizational Unit	CoPI Department	Sponsor	Total \$
College of Social & Behavioral Sciences cont.			
Sociology	Anthropology	National Institutes of Health	\$219,162
Sociology	Anthropology	National Institutes of Health	\$48,352
School of Education			
Student Dev & Pupil Personnel Serv	Ed Policy Research & Admin	US Dept of Education	\$188,388
Ed Policy Research & Admin	Student Dev & Pupil Personnel Serv	College Board	\$39,875
Sch of Public Health & Health Sciences			
Nutrition	HS SW/St Res Life	CSREES, Dept of Agriculture	
	UG Advising & Academic Support		\$90,000
Public Health	Provost's Office	US Dept of Energy	\$5,000
University Outreach			
Stem Institute	Geosciences	NASA	\$218,675
Stem Institute	Ed Policy Research & Admin	National Science Foundation	
	Teacher Ed & Curriculum Studies		\$200,001
VPR/Vice Provost for Research			
EEI	Computer Science	National Mediation Board	63,000
VPR/The Environmental Institute			
The Environmental Institute	Biology	Nat'l Oceanic and Atmospheric Admin	\$36,200
The Environmental Institute	Civil & Environmental Engineering	Springfield Water and Sewer Comm	\$10,035

AWARDS

AWARDS BY SPONSOR • FY 2006

TABLE 10
5 Year Award Trend by Sponsor Category • FY 2006

Sponsor Category	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006	
	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars	Awards	Dollars
Federal	472	68,141,078	479	\$77,724,674	481	\$79,408,734	416	\$72,890,882	447	\$80,845,088
Commonwealth of MA	107	8,085,580	70	10,004,074	74	\$9,621,487	85	\$13,937,667	95	\$8,895,074
Other States & Local Governments	22	286,210	22	829,582	15	\$504,292	25	\$2,240,046	26	\$613,773
Non-Profit	227	11,830,395	239	9,320,604	267	\$13,523,908	214	\$11,177,413	296	\$14,328,089
Industry	215	4,764,941	188	5,742,958	181	\$6,048,504	196	\$11,992,320	216	\$11,179,004
TOTAL	1,043	\$93,108,204	998	\$103,621,892	1,018	\$109,106,925	936	\$112,238,328	1,080	\$115,861,028

AWARDS

TABLE 11
Awards Accepted from Federal Agencies
FY 2006

Sponsor	Awards	Direct	Indirect	Total
US Dept of Agriculture				
Animal and Plant Health Inspec Serv	1	40,000	0	40,000
Coop State Res, Educ and Ext Service	12	2,672,898	405,822	3,078,720
Forest Service	15	519,270	3,854	523,124
Natural Resources Conserv Services(NRCS)	2	135,555	13,555	149,110
North Central Forest Experiment Station	1	75,000	0	75,000
Northeast SARE	1	16,000	0	16,000
US Dept of Agriculture	3	291,859	0	291,859
Total	35	\$3,750,582	\$423,231	\$4,173,813
US Dept of Commerce				
Economic Development Administration	1	140,047	9,953	150,000
National Institute of Standards and Tech	5	369,909	10,560	380,469
National Marine Fisheries Service	1	16,667	3,333	20,000
Nat'l Oceanic and Atmospheric Admin	6	810,774	214,226	1,025,000
US Dept of Commerce	2	26,876	3,249	30,125
Total	15	\$1,364,273	\$241,321	\$1,605,594
US Dept of Defense				
Air Force	2	171,354	90,631	261,985
Air Force Office of Scientific Research	6	559,464	271,138	830,602
Army	4	116,602	61,754	178,356
Army Research Lab	1	17,154	8,705	25,859
Army Research Office	17	1,612,517	443,905	2,056,422
Defense Logistics Agency	1	240,000	24,000	264,000
National Security Agency	2	114,397	28,836	143,233
Naval Research Laboratory	1	20,390	9,610	30,000
Office of Naval Research	14	991,678	388,007	1,379,685
US Dept of Defense	1	109,859	9,236	119,095
Total	49	\$3,953,415	\$1,335,822	\$5,289,237
US Dept of Education				
US Dept of Education	7	1,280,039	53,368	1,333,407
Total	7	\$1,280,039	\$53,368	\$1,333,407
US Dept of Energy				
US Dept of Energy	28	8,977,659	3,319,803	12,297,462
Total	28	\$8,977,659	\$3,319,803	\$12,297,462
US Dept of Health and Human Services				
Health Resources and Services Admin	5	872,195	45,155	917,350
National Institutes of Health	88	11,742,719	5,256,994	16,999,713
Total	93	\$12,614,914	\$5,302,149	\$17,917,063

AWARDS

TABLE 11
Awards Accepted from Federal Agencies
FY 2006

Sponsor	Awards	Direct	Indirect	Total
US Dept of Housing and Urban Development				
US Dept of Housing and Urban Development	2	422,144	66,429	488,573
Total	2	\$422,144	\$66,429	\$488,573
US Dept of Interior				
Bureau of Reclamation	1	61,792	34,989	96,781
Geological Survey	6	319,881	31,086	350,967
National Park Service	4	80,040	13,688	93,728
US Fish and Wildlife Service	4	243,093	36,464	279,557
Total	15	\$704,806	\$116,227	\$821,033
US Dept of Transportation				
Federal Highway Administration	1	1,500	0	1,500
Natl Highway Traffic Safety Admin	1	62,519	33,981	96,500
Total	2	\$64,019	\$33,981	\$98,000
Independent Establishments & Govt Corps				
Binational Agricultural Research Dev	1	47,700	5,300	53,000
Environmental Protection Agency	5	925,367	63,243	988,610
Library of Congress	1	8,000	0	8,000
Marine Mammal Commission	1	42,790	4,280	47,070
National Aero and Space Administration	26	1,654,494	629,449	2,283,943
National Endowment for the Arts	2	15,090	910	16,000
National Mediation Board	1	57,329	5,671	63,000
National Science Foundation	156	24,508,129	6,896,937	31,405,066
Peace Corps	1	15,602	948	16,550
Small Business Administration	2	1,748,171	0	1,748,171
Total	196	\$29,022,672	\$7,606,738	\$36,629,410
Other/Quasi Government Agencies				
National Fish and Wildlife Foundation	1	22,000	0	22,000
Smithsonian Astrophysical Observatory	4	112,061	57,435	169,496
Total	5	\$134,061	\$57,435	\$191,496
Total FY 2006 - Federal	447	\$62,288,584	\$18,556,504	\$80,845,088
Total FY 2005 - Federal	416	\$56,719,810	\$16,171,072	\$72,890,882
% Change FY 2005 to FY 2006	7%	10%	15%	11%

AWARDS

**Figure 13: Distribution of Award Dollars Accepted from Federal Agencies
FY 2006**

**Total Costs:
\$80,845,088**

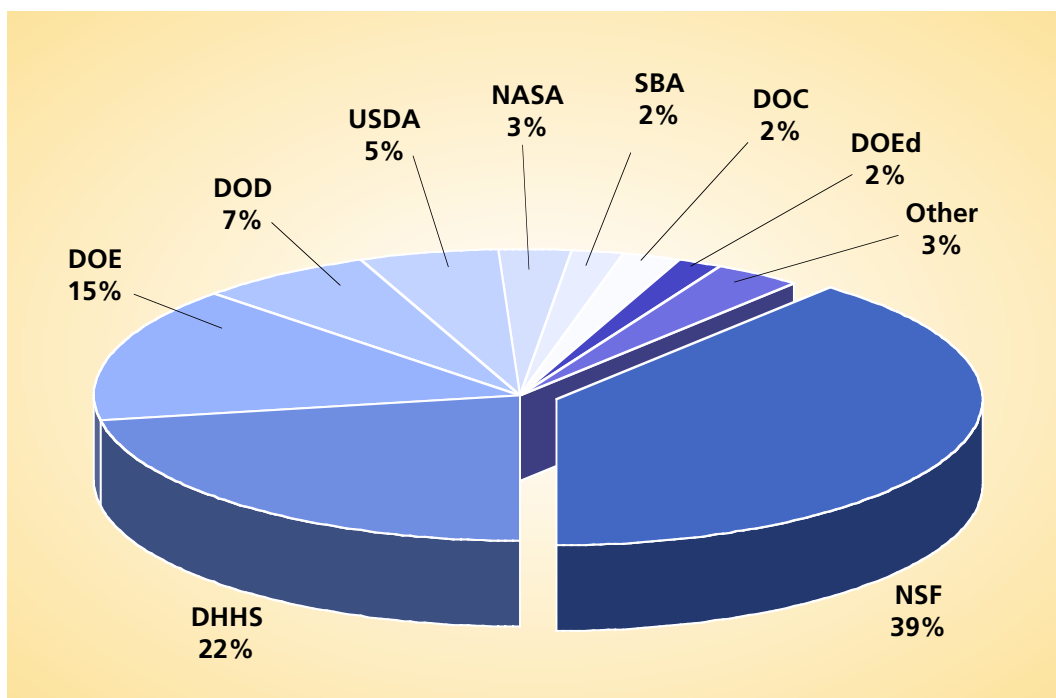


TABLE 12
Awards Accepted from the Commonwealth of Massachusetts
FY 2006

Commonwealth of Massachusetts	Awards	Direct	Indirect	Total
MA Army National Guard	2	31,924	2,824	34,748
MA Board of Higher Education	1	9,864	986	10,850
MA Cultural Council	4	59,495	3,680	63,175
MA Dept of Agricultural Resources	9	436,548	26,282	462,830
MA Dept of Business and Technology	2	1,089,415	24,000	1,113,415
MA Dept of Conservation and Recreation	3	77,260	7,466	84,726
MA Dept of Education	13	744,042	68,462	812,504
MA Dept of Environmental Protection	2	135,767	13,577	149,344
MA Dept of Food and Agriculture	1	4,545	455	5,000
MA Dept of Public Health	5	231,050	0	231,050
MA Dept of Transitional Assistance	2	1,601,773	157,753	1,759,526
MA Development Finance Agency	1	5,000	0	5,000
MA Division of Energy Resources	7	428,793	40,974	469,767
MA Division of Fisheries and Wildlife	6	148,549	1,091	149,640
MA Division of Marine Fisheries	1	125,500	0	125,500
MA Environmental Trust	2	38,450	3,435	41,885
MA Exec Off of Admin and Finance	1	0	0	0
MA Exec Off of Environmental Affairs	2	100,000	10,000	110,000
MA Exec Off of Transportation and Const	4	56,000	5,600	61,600
MA Exec Office of Transportation	1	0	0	0
MA Highway Department	15	1,915,814	189,448	2,105,262
MA Office for Victim Assistance	1	47,467	0	47,467
MA Office of International Trade	1	53,000	0	53,000
MA Office of the Attorney General	1	13,736	1,264	15,000
MA Port Authority/Massport	1	10,000	0	10,000
MA Technology Collaborative	2	200,000	20,000	220,000
MA Technology Park Collaborative	2	655,236	63,549	718,785
MA Technology Transfer Center	3	35,000	0	35,000
Total FY 2006 - Commonwealth	95	\$8,254,228	\$640,846	\$8,895,074
Total FY 2005 - Commonwealth	85	\$12,865,743	\$1,071,924	\$13,937,667
% Change FY 2005 to FY 2006	12%	-36%	-40%	-36%

TABLE 13
Awards Accepted from Other States and Local Governments
FY 2006

Agency	Awards	Direct	Indirect	Total
Amherst Town of	1	28,706	0	28,706
Central Mass Regional Planning Com	1	6,995	595	7,590
Chester Town of	1	60,480	6,048	66,528
CT Dept of Environmental Protection	1	5,000	1,000	6,000
Franklin Regional Council of Governments	1	15,860	1,240	17,100
Franklin/Hampshire Empl and Train Consor	2	2,316	166	2,482
Gill Town of	1	13,654	1,335	14,989
Greenfield Public Schools	1	16,962	538	17,500
Hadley Town of	1	5,830	564	6,394
Holyoke Cultural Council	1	1,000	0	1,000
Maine State of	1	2,000	0	2,000
New England Transportation Consortium	1	48,059	26,432	74,491
NH Dept of Transportation	4	46,938	12,125	59,063
Oklahoma State Regents for Higher Ed	1	9,091	909	10,000
Pittsfield Public Schools	1	17,895	1,496	19,391
Reg. Employment Board of Hampden County	2	3,922	0	3,922
Springfield Water and Sewer Commission	1	9,123	912	10,035
Vermont Agency of Transportation	1	69,181	15,443	84,624
VT Agency of Transportation	2	147,842	31,616	179,458
Westfield City of	1	2,352	148	2,500
Total FY 2006 - Other States and Local Govts	26	\$513,206	\$100,567	\$613,773
Total FY 2005 - Other States and Local Govts	25	\$2,015,117	\$224,929	\$2,240,046
% Change FY 2005 to FY 2006	4%	-75%	-55%	-73%

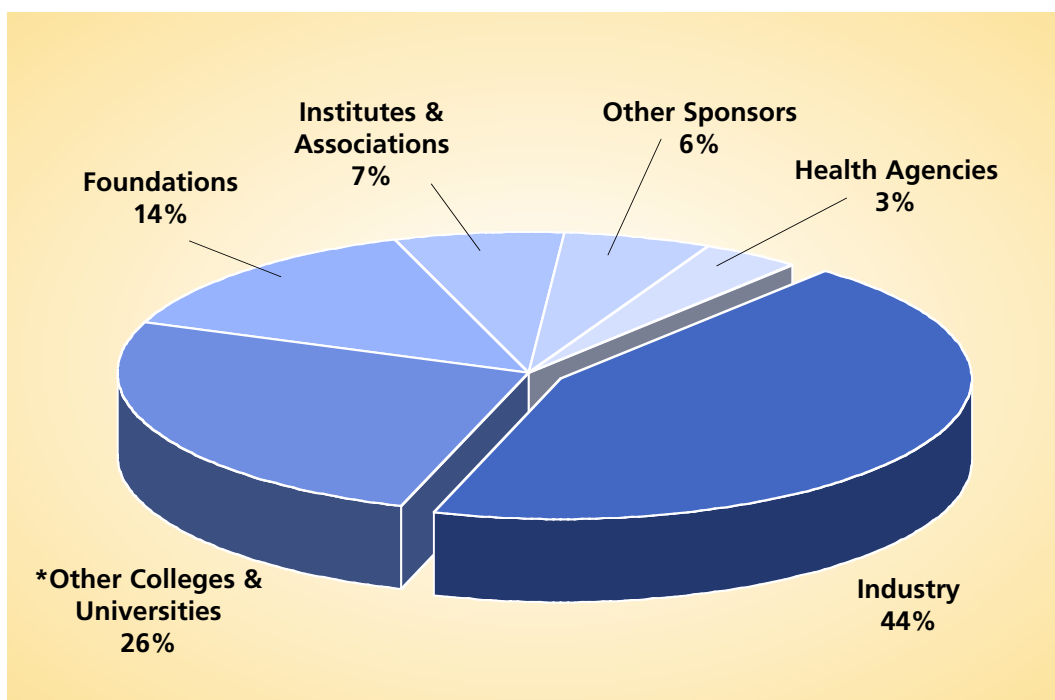
TABLE 14
Awards Accepted from the Private Sector
FY 2006

Sponsor	Awards	Direct	Indirect	Total
Non - Profit				
Foundations	69	3,327,977	218,397	3,546,374
Health Agencies	12	867,661	129,650	997,311
Institutes and Associations	75	1,478,052	200,080	1,678,132
Other Colleges and Universities*	116	4,857,922	1,752,009	6,609,931
Other Sponsors	24	1,329,269	167,072	1,496,341
Total FY 2006 – Non-Profit	296	\$11,860,881	\$2,467,208	\$14,328,089
Total FY 2005 – Non-Profit	214	\$9,170,745	\$2,006,668	\$11,177,413
% Change FY 2005 to FY 2006	38%	29%	23%	28%
Total FY 2006 – Industry	216	\$8,754,427	\$2,424,577	\$11,179,004
Total FY 2005 – Industry	196	\$9,983,412	\$2,008,908	\$11,992,320
% Change FY 2005 to FY 2006	10%	-12%	21%	-7%
Total FY 2006 – Private Sector	512	\$20,615,308	\$4,891,785	\$25,507,093
Total FY 2005 – Private Sector	410	\$19,154,157	\$4,015,576	\$23,169,733
% Change FY 2005 to FY 2006	25%	8%	22%	10%

* A significant portion of these awards are prime Federal Funds.

FIGURE 14
Distribution of Award Dollars Accepted from Private Sector Sponsors • FY 2006

Total Value:
\$25,507,093



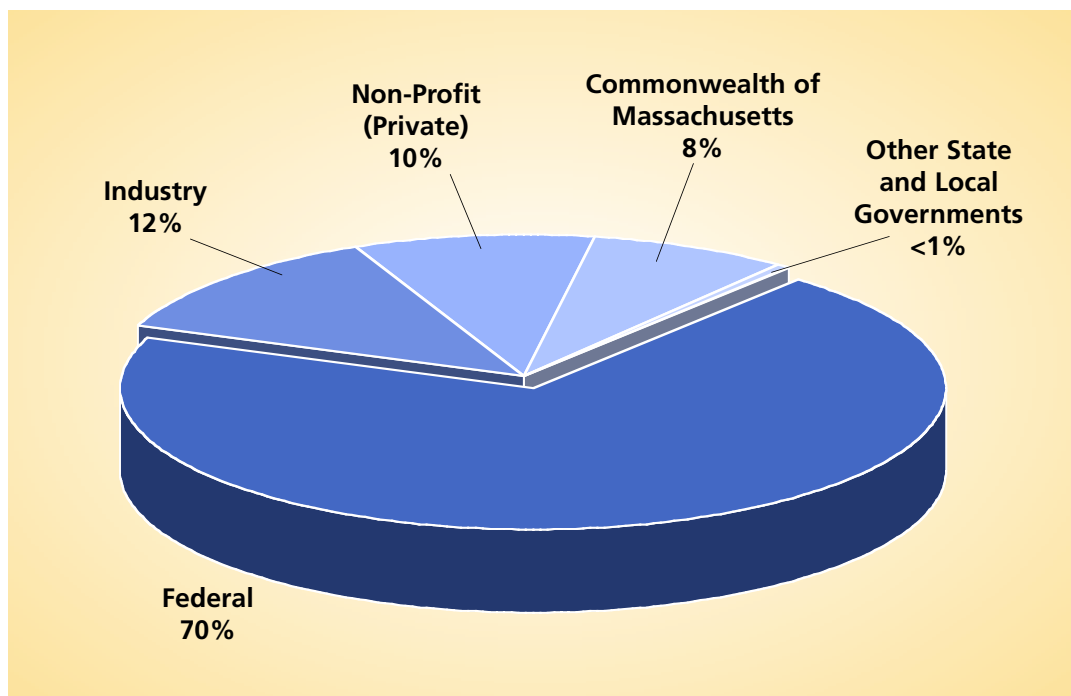
* A significant portion of these awards are prime Federal Funds

TABLE 15
Summary of Awards Accepted by Sponsor Category
FY 2006

Sponsor	Awards	Direct	Indirect	Total
Federal	447	\$62,288,584	\$18,556,504	\$80,845,088
Commonwealth of Massachusetts	95	\$8,254,228	\$640,846	\$8,895,074
Other States & Local Governments	26	\$513,206	\$100,567	\$613,773
Private Sector – Industry	216	\$8,754,427	\$2,424,577	\$11,179,004
Private Sector – Non-Profit	296	\$11,860,881	\$2,467,208	\$14,328,089
Total Fiscal Year 2006	1,080	\$91,671,326	\$24,189,702	\$115,861,028

FIGURE 15
Distribution of Award Dollars by Sponsor Category • FY 2006

Total Value:
\$115,861,028



AWARDS

TABLE 16
Summary of Project Characteristics & Award Types
by Sponsor Category • FY 2006

	Project Type	Award Type	Number Awards	\$Amount Awards
Federal	Research	Grant	342	\$58,029,053
	Instruction	Grant	6	\$895,507
	Other	Grant	16	\$1,759,625
	Research	Co-Op	47	\$16,170,810
	Instruction	Co-Op	0	\$0
	Other	Co-Op	4	\$2,017,921
	Research	Contract	21	\$990,992
	Instruction	Contract	0	\$0
	Other	Contract	11	\$981,180
Commonwealth of Massachusetts	Research	Grant	1	\$5,000
	Instruction	Grant	0	\$0
	Other	Grant	1	\$10,000
	Research	Co-Op	1	\$16,885
	Instruction	Co-Op	0	\$0
	Other	Co-Op	0	\$0
	Research	Contract	57	\$3,254,505
	Instruction	Contract	3	\$144,333
	Other	Contract	32	\$5,464,351
Other States & Local Governments	Research	Grant	2	\$9,590
	Instruction	Grant	3	\$22,000
	Other	Grant	1	\$1,000
	Research	Co-Op	0	\$0
	Instruction	Co-Op	0	\$0
	Other	Co-Op	0	\$0
	Research	Contract	15	\$513,604
	Instruction	Contract	1	\$3,482
	Other	Contract	4	\$64,097

AWARDS

TABLE 16
Summary of Project Characteristics & Award Types
by Sponsor Category • FY 2006

	Project Type	Award Type	Number Awards	\$Amount Awards
Non-Profit Private	Research	Grant	77	\$2,957,980
	Instruction	Grant	2	\$75,000
	Other	Grant	47	\$1,271,008
	Research	Co-Op	4	\$245,338
	Instruction	Co-Op	0	\$0
	Other	Co-Op	1	\$19,655
	Research	Contract	140	\$8,611,878
	Instruction	Contract	10	\$456,480
	Other	Contract	15	\$690,750
Industry	Research	Grant	70	\$1,832,802
	Instruction	Grant	1	\$6,500
	Other	Grant	16	\$252,682
	Research	Co-Op	0	\$0
	Instruction	Co-Op	0	\$0
	Other	Co-Op	0	\$0
	Research	Contract	110	\$8,423,450
	Instruction	Contract	0	\$0
	Other	Contract	19	\$663,570
Total			1,080	\$115,861,028

NOTES

1. REPORTING COSTS, AWARDED VS. RECOVERED

There is often a significant difference between the funds reported in the OGCA Report of Sponsored Activities (RSA) as awarded during the fiscal year to the Amherst Campus, and the University's Financial Records Systems, of funds expended and indirect costs earned during the same fiscal year. This discrepancy can be especially problematic in projecting indirect cost.

To clarify:

A. The OGCA Report of Sponsored Activities lists the amount of firm commitments awarded by outside sponsors to the University during the period of the fiscal year being reported. This does not necessarily coincide with the effective dates for incurring expenditures and recovering indirect costs. Figures 11 and 12 illustrate the differences between \$ awarded and \$ expended over a ten year period.

B. If a multiple year award is issued, the firm commitment of funds is reported in the RSA. For example, if a three year award is issued with either incremental funding or firm commitment for the first year only, we report only the amount of the increment or the first year (generally the effective dates will reflect only the first period). The remainder of the funds and effective dates are reported when the sponsor authorizes or releases the additional funds. If the Sponsor authorizes the full amount with no contingencies for a multiple year period, then the total amount for the full project period is reported in the same year it was awarded.

C. The University Financial System reports expenditures and indirect cost recovery during the period that the awards are active. Indirect costs are charged and recovered monthly, based on the current month's actual expenditures of each account/award.

As a result of the two reporting functions, awarded vs. earned indirect costs in any given period cannot be reconciled exactly. However, the data from both systems are valuable in the University's analyses and projections.

2. AWARDS WITH NEGATIVE DOLLAR AMOUNTS.

Reductions of awards, e.g. sponsor mandated reduction, early termination, transfer of grant to another institution, etc., are recorded as negative dollar amounts. They are listed in the report as credits with new OGCA numbers. This serves to report changes in awards during the period in which they occur.

3. AWARD TYPE DEFINITIONS:

Grant: An award instrument issued to the University in support of a particular activity, but usually not requiring a "product" other than technical progress reports. A grant contains terms and conditions associated with the awarding of funds and is therefore termed "restricted". (A few sponsors award "unrestricted" grants).

Contract: A bilateral award agreement which specifies work to be performed, deliverables, and specific requirements. Also, any bilateral document specifying terms and conditions agreed to by both parties.

Cooperative Agreement: A type of contract which outlines involvement of both parties to the agreement.

4. REPORT DISTRIBUTION AND AVAILABILITY.

This report and further details on individual awards and sponsors are available online at

<http://www.umass.edu/research/ogca>

For a printed copy of the Sponsor Supplement and Award Detail report please send a written request to gelineau@research.umass.edu, or to Wayne Gelineau, OGCA, Research Admin Building, 70 Butterfield Terrace.

OFFICE OF GRANT AND CONTRACT ADMINISTRATION



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